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H. R. 5515

[Report No. 115–676]

To authorize appropriations for fiscal year 2019 for military activities of the Department of Defense and for military construction, to prescribe military personnel strengths for such fiscal year, and for other purposes.

IN THE HOUSE OF REPRESENTATIVES

APRIL 13, 2018

Mr. THORNBERRY (for himself and Mr. SMITH of Washington) (both by request) introduced the following bill; which was referred to the Committee on Armed Services

MAY 15, 2018

Reported with amendments, committed to the Committee of the Whole House on the State of the Union, and ordered to be printed

[Strike out all after the enacting clause and insert the part printed in italic]

[For text of introduced bill, see copy of bill as introduced on April 13, 2018]

A BILL

To authorize appropriations for fiscal year 2019 for military activities of the Department of Defense and for military construction, to prescribe military personnel strengths for such fiscal year, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,

SECTION 1. SHORT TITLE.

This Act may be cited as the " National Defense Authorization Act for Fiscal Year 2019".

SEC. 2. ORGANIZATION OF ACT INTO DIVISIONS; TABLE OF CONTENTS.

(a) DIVISIONS.—This Act is organized into four divisions as follows:

(1) Division A—Department of Defense Authorizations.

(2) Division B—Military Construction Authorizations.

(3) Division C—Department of Energy National Security Authorizations and Other Authorizations.

(4) Division D—Funding Tables.

(b) TABLE OF CONTENTS.—The table of contents for this Act is as follows:

Sec. 1. Short title.
Sec. 2. Organization of Act into divisions; table of contents.
Sec. 3. Congressional defense committees.

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Sec. 101. Authorization of appropriations.

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Sec. 125. Multiyear procurement authority for standard missile–6.
Sec. 126. Multiyear procurement authority for E–2D aircraft.
Sec. 127. Multiyear procurement authority for F/A–18E/F aircraft and EA–18G aircraft.
Sec. 128. Modifications to F/A–18 aircraft to mitigate physiological episodes.
Sec. 129. Frigate class ship program.
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Sec. 142. Limitation on use of funds for KC-46A aircraft pending submittal of certification.
Sec. 143. Retirement date for VC–25A aircraft.
Sec. 144. Contract for logistics support for VC–25B aircraft.
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Sec. 201. Authorization of appropriations.

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Sec. 214. Limitation pending certification on the Joint Surveillance Target Attack Radar System recapitalization program.
Sec. 215. Limitation on availability of funds for F–35 continuous capability development and delivery.
Sec. 216. Limitation on availability of funds pending report on Agile Software Development and Software Operations.
Sec. 217. Limitation on availability of funds for certain high energy laser advanced technology.

Sec. 218. Plan for elimination or transfer of the Strategic Capabilities Office of the Department of Defense.
Sec. 219. National Security Science And Technology Strategy.
Sec. 220. Modification of CVN–73 to support fielding of MQ–25 unmanned aerial vehicle.

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SEC. 3. CONGRESSIONAL DEFENSE COMMITTEES.

In this Act, the term "congressional defense committees" has the meaning given that term in section 101(a)(16) of title 10, United States Code.

DIVISION A—DEPARTMENT OF DEFENSE AUTHORIZATIONS

TITLE I—PROCUREMENT

Subtitle A—Authorization Of Appropriations

SEC. 101. AUTHORIZATION OF APPROPRIATIONS.

Funds are hereby authorized to be appropriated for fiscal year 2019 for procurement for the Army, the Navy and the Marine Corps, the Air Force, and Defense-wide activities, as specified in the funding table in section 4101.

Subtitle B—Army Programs

SEC. 111. NATIONAL GUARD AND RESERVE COMPONENT EQUIPMENT REPORT.

(a) IN GENERAL.—Section 10541(b) of title 10, United States Code, is amended by adding at the end the following new paragraph:

"(10) A joint assessment by the Chief of Staff of the Army and the Chief of the National Guard Bureau on the efforts of the Army to achieve parity among the active component, the Army Reserve, and the Army National Guard with respect to equipment and capabilities. Each assessment shall include a comparison of the inventory of high priority items of equipment available to each component of the Army described in preceding sentence, including—

"(A) AH–64 Attack Helicopters;

"(B) UH–60 Black Hawk Utility Helicopters;

"(C) Abrams Main Battle Tanks;

"(D) Bradley Infantry Fighting Vehicles;

"(E) Stryker Combat Vehicles; and

"(F) any other items of equipment identified as high priority by the Chief of Staff of the Army or the Chief of the National Guard Bureau.".

(b) EFFECTIVE DATE.—The amendment made by subsection (a) shall apply with respect to reports required to be submitted under section 10541 of title 10, United States Code, after the date of the enactment of this Act.

SEC. 112. LIMITATION ON AVAILABILITY OF FUNDS FOR M27 INFANTRY AUTOMATIC RIFLE PROGRAM.

(a) LIMITATION.—Of the funds authorized to be appropriated by this Act or otherwise made available for fiscal year 2019 for the M27 Infantry Automatic Rifle program of the Marine Corps, not more than 80 percent may be obligated or expended until the date on which the Commandant of the Marine Corps submits to the Committees on Armed Services of the Senate and the House of Representatives the assessment described in subsection (b).

(b) ASSESSMENT.—The assessment described in this subsection is a written summary of the views of the Marine Corps with respect to the Small Arms Ammunition Configuration Study of the Army, including—

(1) an explanation of how the study informs the future small arms modernization requirements of the Marine Corps; and

(2) near-term and long-term modernization strategies for the small arms weapon systems of the Marine Corps, including associated funding and schedule profiles.

Subtitle C—Navy Programs

SEC. 121. INCREASE IN NUMBER OF OPERATIONAL AIRCRAFT CARRIERS OF THE NAVY.

(a) FINDINGS.—Congress finds the following:

(1) The aircraft carrier can fulfill the Navy's core missions of forward presence, sea control, ensuring safe sea lanes, and power projection as well as providing flexibility and versatility to execute a wide range of additional missions.

(2) Forward airpower is integral to the security and joint forces operations of the United States. Carriers play a central role in delivering forward airpower from sovereign territory of the United States in both permissive and nonpermissive environments.

(3) Aircraft carriers provide our Nation the ability to rapidly and decisively respond to national threats, as well as conducting worldwide, on-station diplomacy and providing deterrence against threats to the United States allies, partners, and friends.

(4) Since the end of the cold war, aircraft carrier deployments have increased while the aircraft carrier force structure has declined.

(5) Considering the increased array of complex threats across the globe, the Navy aircraft carrier is operating at maximum capacity, increasing deploy-

ment lengths and decreasing maintenance periods in order to meet operational requirements.

(6) To meet global peacetime and wartime requirements, the Navy has indicated a requirement to maintain two aircraft carriers deployed overseas and have three additional aircraft carriers capable of deploying within 90 days. However, the Navy has indicated that the existing aircraft carrier force structure cannot support these military requirements.

(7) Despite the requirement to maintain an aircraft carrier strike group in both the United States Central Command and the United States Pacific Command, the Navy has been unable to generate sufficient capacity to support combatant commanders and has developed significant carrier gaps in these critical areas.

(8) Because of the continuing use of a diminished aircraft carrier force structure, extensive maintenance availabilities result which typically exceed program costs and increase time in shipyards. These expansive maintenance availabilities exacerbate existing carrier gaps.

(9) Developing an alternative design to the Ford-class aircraft carrier is not cost beneficial. A smaller design is projected to incur significant design and en-

gineering cost while significantly reducing magazine size, carrier air wing size, sortie rate, and on-station effectiveness, among other vital factors, as compared to the Ford-class. Furthermore, a new design will delay the introduction of future aircraft carriers, exacerbating existing carrier gaps and threatening the national security of the United States.

(10) The 2016 Navy Force Structure Assessment states "A minimum of 12 aircraft carriers are required to meet the increased warfighting response requirements of the Defense Planning Guidance Defeat/Deny force sizing direction.".

(b) SENSE OF CONGRESS.—It is the sense of Congress that—

(1) the United States should expedite delivery of 12 aircraft carriers; and

(2) an aircraft carrier should be authorized every three years.

(c) INCREASE IN NUMBER OF OPERATIONAL AIRCRAFT CARRIERS OF THE NAVY.—

(1) INCREASE.—Section 5062(b) of title 10, United States Code, is amended by striking "11 operational aircraft carriers" and inserting "12 operational aircraft carriers".

(2) EFFECTIVE DATE.—The amendment made by paragraph (1) shall take effect on September 30, 2022.

SEC. 122. PROCUREMENT AUTHORITY FOR FORD CLASS AIRCRAFT CARRIER PROGRAM.

(a) CONTRACT AUTHORITY.—

(1) PROCUREMENT AUTHORIZED.—The Secretary of the Navy may enter into one or more contracts, beginning with the fiscal year 2019 program year, for the procurement of one Ford class aircraft carrier to be designated CVN–81.

(2) PROCUREMENT IN CONJUNCTION WITH CVN–80.—The aircraft carrier authorized to be procured under subsection (a) may be procured as an addition to the contract covering the Ford class aircraft carrier designated CVN–80 that is authorized to be constructed under section 121 of the John Warner National Defense Authorization Act for Fiscal Year 2007 (Public Law 109–364; 120 Stat. 2104).

(b) USE OF INCREMENTAL FUNDING.—With respect to a contract entered into under subsection (a), the Secretary of the Navy may use incremental funding to make payments under the contract.

(c) LIABILITY.—A contract entered into under subsection (a) shall provide that the total liability to the Gov-

ernment for termination of the contract entered into shall be limited to the total amount of funding obligated at the time of termination.

(d) CONDITION FOR OUT-YEAR CONTRACT PAYMENTS.—A contract entered into under subsection (a) shall provide that any obligation of the United States to make a payment under the contract for a fiscal year is subject to the availability of appropriations for that purpose for such fiscal year.

SEC. 123. FULL SHIP SHOCK TRIAL FOR FORD CLASS AIRCRAFT CARRIER.

The Secretary of the Navy shall ensure that full ship shock trials results are incorporated into the construction of the Ford class aircraft carrier designated CVN–81.

SEC. 124. MULTIYEAR PROCUREMENT AUTHORITY FOR AMPHIBIOUS VESSELS.

(a) AUTHORITY FOR MULTIYEAR PROCUREMENT.—Subject to section 2306b of title 10, United States Code, the Secretary of the Navy may enter into one or more multiyear contracts for the procurement of not more than five amphibious vessels.

(b) LIMITATION.—The Secretary of the Navy may not modify a contract entered into under subsection (a) if the modification would increase the target price of an amphibious vessel by more than 10 percent above the target price

specified in the original contract awarded for the amphibious vessel under subsection (a).

(c) AUTHORITY FOR ADVANCE PROCUREMENT.—The Secretary of the Navy may enter into one or more contracts for advance procurement associated with the amphibious vessels for which authorization to enter into a multiyear procurement contract is provided under subsection (a) and for equipment or subsystems associated with the amphibious vessels, including procurement of—

(1) long lead time material; or

(2) material or equipment in economic order quantities when cost savings are achievable.

(d) CONDITION FOR OUT-YEAR CONTRACT PAYMENTS.—A contract entered into under subsection (a) shall provide that any obligation of the United States to make a payment under the contract for a fiscal year after fiscal year 2019 is subject to the availability of appropriations or funds for that purpose for such later fiscal year.

(e) LIMITATION ON TERMINATION LIABILITY.—A contract for the construction of amphibious vessels entered into under subsection (a) shall include a clause that limits the liability of the United States to the contractor for any termination of the contract. The maximum liability of the United States under the clause shall be the amount appro-

priated for the amphibious vessels covered by the contract regardless of the amount obligated under the contract.

(f) AMPHIBIOUS VESSEL DEFINED.—The term "amphibious vessel" means a San Antonio class amphibious transport dock ship with a Flight II configuration.

SEC. 125. MULTIYEAR PROCUREMENT AUTHORITY FOR STANDARD MISSILE–6.

(a) AUTHORITY FOR MULTIYEAR PROCUREMENT.—Subject to section 2306b of title 10, United States Code, the Secretary of the Navy may enter into one or more multiyear contracts, beginning with the fiscal year 2019 program year, for the procurement of up to 625 standard missile–6 missiles at a rate of not more than 125 missiles per year during the covered period.

(b) CONDITION FOR OUT-YEAR CONTRACT PAYMENTS.—A contract entered into under subsection (a) shall provide that any obligation of the United States to make a payment under the contract for a fiscal year after fiscal year 2019 is subject to the availability of appropriations or funds for that purpose for such later fiscal year.

(c) COVERED PERIOD DEFINED.—In this section, the term "covered period" means the 5-year period beginning with the fiscal year 2019 program year and ending with the fiscal year 2023 program year.

SEC. 126. MULTIYEAR PROCUREMENT AUTHORITY FOR E–2D AIRCRAFT.

(a) AUTHORITY FOR MULTIYEAR PROCUREMENT.—Subject to section 2306b of title 10, United States Code, the Secretary of the Navy may enter into one or more multiyear contracts, beginning with the fiscal year 2019 program year, for the procurement of up to 24 E–2D aircraft.

(b) CONDITION FOR OUT-YEAR CONTRACT PAYMENTS.—A contract entered into under subsection (a) shall provide that any obligation of the United States to make a payment under the contract for a fiscal year after fiscal year 2019 is subject to the availability of appropriations for that purpose for such later fiscal year.

SEC. 127. MULTIYEAR PROCUREMENT AUTHORITY FOR F/A–18E/F AIRCRAFT AND EA–18G AIRCRAFT.

(a) AUTHORITY FOR MULTIYEAR PROCUREMENT.—Subject to section 2306b of title 10, United States Code, the Secretary of the Navy may enter into one or more multiyear contracts, beginning with the fiscal year 2019 program year, for the procurement of the following:

(1) F/A–18E/F aircraft.

(2) EA–18G aircraft.

(b) CONDITION FOR OUT-YEAR CONTRACT PAYMENTS.—A contract entered into under subsection (a) shall provide that any obligation of the United States to make a payment under the contract for a fiscal year after fiscal

year 2019 is subject to the availability of appropriations or funds for that purpose for such later fiscal year.

(c) AUTHORITY FOR ADVANCE PROCUREMENT AND ECONOMIC ORDER QUANTITY.—The Secretary of the Navy may enter into one or more contracts, beginning in fiscal year 2019, for advance procurement associated with the aircraft for which authorization to enter into a multiyear procurement contract is provided under subsection (a), which may include one or more contracts for the procurement of economic order quantities of material and equipment for such aircraft.

SEC. 128. MODIFICATIONS TO F/A–18 AIRCRAFT TO MITIGATE PHYSIOLOGICAL EPISODES.

(a) MODIFICATIONS REQUIRED.—The Secretary of the Navy shall modify the F/A-18 aircraft to reduce the occurrence of, and mitigate the risk posed by, physiological episodes affecting crewmembers of the aircraft. The modifications shall include, at minimum—

(1) replacement of the F/A–18 cockpit altimeter;

(2) upgrade of the F/A–18 onboard oxygen generation system;

(3) redesign of the F/A–18 aircraft life support systems required to meet onboard oxygen generation system input specifications;

(4) installation of equipment associated with improved F/A–18 physiological monitoring and alert systems; and

(5) installation of an automatic ground collision avoidance system.

(b) REPORT REQUIRED.—Not later than February 1, 2019, and annually thereafter through February 1, 2021, the Secretary of the Navy shall submit to the congressional defense committees a written update on the status of all modifications to the F/A–18 aircraft carried out by the Secretary pursuant to subsection (a).

(c) WAIVER.—The Secretary of the Navy may waive the requirement to make a modification under subsection (a) if the Secretary certifies to the congressional defense committees that the specific modification is inadvisable and provides a detailed justification for excluding the modification from the Navy's planned upgrades for the F/A–18 aircraft.

SEC. 129. FRIGATE CLASS SHIP PROGRAM.

(a) TECHNICAL DATA.—

(1) REQUIREMENT.—As part of the solicitation for proposals for the procurement of any frigate class ship, the Secretary of the Navy shall require that an offeror submit a proposal that provides for conveying technical data as part of the proposal for the frigate.

(2) RIGHTS OF THE UNITED STATES.—The Secretary of the Navy shall ensure that the Government's rights in technical data for any frigate class ship are sufficient to allow the Government to—

(A) by not later than the date on which funds are obligated for the last covered frigate, use the technical data to conduct a full and open competition (pursuant to section 2304 of title 10, United States Code) for any subsequent procurement of a frigate class ship; and

(B) transition the frigate class ship combat systems to Government-furnished equipment to achieve open architecture and foster competition to modernize future systems.

(b) DEFINITIONS.—In this section:

(1) The term "covered frigate" means each of the first 10 frigate class ships procured after January 1, 2020.

(2) The term "technical data" means a compilation of detailed engineering plans and specifications for the construction of a frigate class ship.

SEC. 130. LIMITATION ON PROCUREMENT OF ECONOMIC ORDER QUANTITIES FOR VIRGINIA CLASS SUBMARINE PROGRAM.

Section 124 of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115–91) is amended—

(1) in subsection (c)(2), by striking "material" and inserting "subject to subsection (d), material";

(2) by redesignating subsection (d) through (f) as subsections (e) through (g), respectively; and

(3) by inserting after subsection (c), the following:

"(d) LIMITATION ON PROCUREMENT OF ECONOMIC ORDER QUANTITIES.—The Secretary of the Navy may not enter into contracts for economic order quantities under subsection (c)(2) until the date on which the Secretary certifies to the congressional defense committees that any funds made available for such contracts will be used to procure economic order quantities of material and equipment for not fewer than 12 Virginia class submarines.".

SEC. 131. LIMITATION ON USE OF FUNDS FOR DDG–51 DESTROYERS.

None of the funds authorized to be appropriated or otherwise made available by this Act for fiscal year 2019 for Shipbuilding and Conversion, Navy, for DDG–51 class destroyers may be obligated or expended until the Secretary

of the Navy submits to the congressional defense committees a report that includes—

(1) a detailed description of the current degaussing standards;

(2) a plan for incorporating such standards into the destroyer construction program; and

(3) an assessment of the requirement to backfit such standards in service destroyers.

Subtitle D—Air Force Programs

SEC. 141. INVENTORY REQUIREMENT FOR AIR REFUELING TANKER AIRCRAFT; LIMITATION ON RETIREMENT OF KC–10A AIRCRAFT.

(a) INVENTORY REQUIREMENT.—Section 8062 of title 10, United States Code, is amended by adding at the end the following new subsection:

"(j)(1) Except as provided in paragraph (2), effective October 1, 2019, the Secretary of the Air Force shall maintain a total primary assigned aircraft inventory of air refueling tanker aircraft of not less than 479 aircraft.

"(2) The Secretary of the Air Force may reduce the number of air refueling tanker aircraft in the primary assigned aircraft inventory of the Air Force below 479 only if—

"(A) the Secretary certifies to the congressional defense committees that such reduction is justified by

the results of the mobility capability and requirements study conducted under section 144(b) of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115–91); and

"(B) a period of 30 days has elapsed following the date on which the certification is made to the congressional defense committees under subparagraph (A).

"(3) In this subsection:

"(A) The term 'air refueling tanker aircraft' means an aircraft that has as its primary mission the refueling of other aircraft.

"(B) The term 'primary assigned aircraft inventory' means aircraft authorized to a flying unit for operations or training.".

(b) LIMITATION ON RETIREMENT OF KC–10A.—

(1) IN GENERAL.—None of the funds authorized to be appropriated by this Act or otherwise made available for any fiscal year for the Air Force may be obligated or expended to retire, or to prepare to retire, any KC–10A aircraft until the date that is 30 days after the date on which the Secretary of the Air Force certifies to the congressional defense committees that Secretary has met the minimum inventory re-

quirement under section 8062(j) of title 10, United States Code, as added by subsection (a) of this section.

(2) EXCEPTION FOR CERTAIN AIRCRAFT.—The requirement of paragraph (1) does not apply to individual KC–10A aircraft that the Secretary of the Air Force determines, on a case-by-case basis, to be non-operational because of mishaps, other damage, or being uneconomical to repair.

SEC. 142. LIMITATION ON USE OF FUNDS FOR KC-46A AIRCRAFT PENDING SUBMITTAL OF CERTIFICATION.

(a) CERTIFICATION REQUIRED.—The Secretary of the Air Force shall submit to the congressional defense committees certification that, as of the date of the certification—

(1) the supplemental type certification and the military type certification for the KC-46A aircraft have been approved; and

(2) the Air Force has accepted the delivery of the first KC-46A aircraft.

(b) LIMITATION ON USE OF FUNDS.—None of the funds authorized to be appropriated or otherwise made available by this Act for fiscal year 2019 for Aircraft Procurement, Air Force, may be obligated or expended for three KC-46A aircraft until the Secretary of the Air Force submits the certification required under subsection (a).

SEC. 143. RETIREMENT DATE FOR VC–25A AIRCRAFT.

(a) IN GENERAL.—For purposes of the application of section 2244a of title 10, United States Code, the retirement date of the covered aircraft is deemed to be not later than December 31, 2025.

(b) COVERED AIRCRAFT DEFINED.—In this section, the term "covered aircraft" means the two VC–25A aircraft of the Air Force that are in service as of the date of the enactment of this Act.

SEC. 144. CONTRACT FOR LOGISTICS SUPPORT FOR VC–25B AIRCRAFT.

The Secretary of the Air Force shall—

(1) ensure that the total period of any contract awarded for logistics support for the VC–25B aircraft does not exceed five years, as required under part 17.204(e) of the Federal Acquisition Regulation, unless otherwise approved in accordance with established procedures; and

(2) comply with section 2304 of title 10, United States Code, regarding full and open competition through the use of competitive procedures for the award of any logistics support contract following the initial five-year contract period.

SEC. 145. MULTIYEAR PROCUREMENT AUTHORITY FOR C–130J AIRCRAFT.

(a) AUTHORITY FOR MULTIYEAR PROCUREMENT.—Subject to section 2306b of title 10, United States Code, the Secretary of the Air Force may enter into one or more multiyear contracts, beginning with the fiscal year 2019 program year, for the procurement of up to 52 C–130J aircraft.

(b) CONDITION FOR OUT-YEAR CONTRACT PAYMENTS.—A contract entered into under subsection (a) shall provide that any obligation of the United States to make a payment under the contract for a fiscal year after fiscal year 2019 is subject to the availability of appropriations for that purpose for such later fiscal year.

SEC. 146. REMOVAL OF WAITING PERIOD FOR LIMITATION ON AVAILABILITY OF FUNDS FOR EC–130H COMPASS CALL RECAPITALIZATION PROGRAM.

Section 135(a) of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115–91) is amended by striking "a period of 30 days has elapsed following".

SEC. 147. FINDINGS AND SENSE OF CONGRESS REGARDING KC–46 AERIAL REFUELING TANKERS.

(a) FINDINGS.—Congress makes the following findings:

(1) Aerial refueling tankers provide an essential foundation for our nation's ability to project power

and deter adversaries, enabling the global reach of our joint force.

(2) 87 percent of the legacy aerial refueling fleet is comprised of KC–135 aircraft with an average age of 56 years.

(3) The Commander of United States Transportation Command has identified the aerial refueling fleet as the "most stressed of our air mobility forces" and stated that "delaying KC–46 production puts the Joint Force's ability to effectively execute war plans at risk".

(4) As directed by the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115–91), the Air Force is undertaking an updated mobility capability and requirements study that will reflect guidance articulated in the 2018 National Defense Strategy and reassess the current tanker requirement of 479 aircraft.

(5) The fixed-price contract for KC–46A calls for 179 aircraft to be delivered by 2028.

(6) The KC–46 is a multirole platform that will bring enhanced capabilities to both the aerial refueling and strategic airlift missions. The aircraft provides the ability to refuel joint and coalition aircraft by both boom and drogue systems in the same sortie;

improved cargo, passenger and aeromedical evacuation capabilities; and enhanced survivability with multiple layers of protection enabling it to operate safely in a broader range of threat environments than legacy tankers.

(7) The Government Accountability Office has stated: "The KC–46 program's total acquisition cost estimate remained stable over the past year at $44,400,000,000, which is about $7,300,000,000 less than the original estimate."

(8) The Commander of Air Mobility Command has stated that the KC–46 "will bring tremendous capability to our joint warfighter".

(9) The Assistant Secretary of the Air Force for Acquisition has stated: "Stability of requirements and funding are the keys to KC–46 program success and will enable the Air Force to deliver this new tanker ready for employment on day one."

(10) The Military Deputy to the Assistant Secretary of the Air Force for Acquisition has identified the KC–46 as the Air Force's second highest combat aviation acquisition priority "for the role that it plays in being able to power project".

(11) With the support of Congress, the Air Force has executed three low rate initial production con-

tracts for a total of 34 aircraft. In fiscal year 2018, Congress provided funding for a fourth production lot totaling 18 aircraft.

(12) A steady production rate of 1.3 aircraft per month has been maintained through independent investment by industry in order to expedite deliveries to the Air Force upon completion of developmental testing and certification.

(b) SENSE OF CONGRESS.—It is the sense of Congress that—

(1) the Air Force and industry should dedicate the resources and manpower necessary to ensure the first KC–46 is delivered in fiscal year 2018;

(2) the Air Force should maximize efficiency in the test and certification process to ensure that—

(A) test points are not redundant;

(B) test plans are approved expeditiously;

(C) receiver aircraft are available to support test flights; and

(D) Air Force inputs necessary for Federal Aviation Administration and military airworthiness certifications are expedited; and

(3) the Assistant Secretary of the Air Force for Acquisition and the Director of the Defense Contract Management Agency should develop and implement a

plan enabling the Air Force to accept and field KC–46 aircraft at a rate higher than three aircraft per month after the delivery of the first aircraft.

Subtitle E—Defense-wide, Joint, and Multiservice Matters

SEC. 151. BUY-TO-BUDGET ACQUISITION OF F–35 AIRCRAFT.

Subject to section 2308 of title 10, United States Code, using funds authorized to be appropriated by this Act for the procurement of F–35 aircraft, the Secretary of Defense may procure a quantity of F–35 aircraft in excess of the quantity authorized by this Act if such additional procurement does not require additional funds to be authorized to be appropriated because of production efficiencies or other cost reductions.

SEC. 152. CERTIFICATION ON INCLUSION OF TECHNOLOGY TO MINIMIZE PHYSIOLOGICAL EPISODES IN CERTAIN AIRCRAFT.

(a) CERTIFICATION REQUIRED.—Not later than 15 days before entering into a contract for the procurement of a covered aircraft, the Secretary concerned shall submit to the congressional defense committees a written statement certifying that the aircraft to be procured under the contract will include the most recent technological advancements necessary to minimize the impact of physiological episodes on aircraft crewmembers.

(b) WAIVER.—The Secretary concerned may waive the requirement of subsection (a) if the Secretary—

(1) determines the waiver is required in the interest of national security; and

(2) not later than 15 days before entering into a contract for the procurement of a covered aircraft, notifies the congressional defense committees of the rationale for the waiver.

(c) TERMINATION.—The requirement to submit a certification under subsection (a) shall terminate on September 30, 2021.

(d) DEFINITIONS.—In this section:

(1) The term "covered aircraft" means a fighter aircraft, an attack aircraft, or a fixed wing trainer aircraft.

(2) The term "Secretary concerned" means—

(A) the Secretary of the Navy, with respect to covered aircraft of Navy; and

(B) the Secretary of the Air Force, with respect to covered aircraft of the Air Force.

TITLE II—RESEARCH, DEVELOPMENT, TEST, AND EVALUATION

Subtitle A—Authorization Of Appropriations

SEC. 201. AUTHORIZATION OF APPROPRIATIONS.

Funds are hereby authorized to be appropriated for fiscal year 2019 for the use of the Department of Defense for research, development, test, and evaluation, as specified in the funding table in section 4201.

Subtitle B—Program Requirements, Restrictions, and Limitations

SEC. 211. MODIFICATION OF AUTHORITY TO CARRY OUT CERTAIN PROTOTYPE PROJECTS.

Section 2371b(f) of title 10, United States Code, is amended by adding at the end the following new paragraphs:

"(4) Contracts or transactions entered into pursuant to this subsection that are expected to cost the Department of Defense in excess of $100,000,000 but not in excess of $500,000,000 (including all options) may be awarded only upon written determination by the senior procurement executive for the agency as designated for the purpose of section 1702(c) of title 41, or, by the senior procurement executive for the Defense Advanced Research Projects Agency that

award of the contract or transaction is essential to meet critical national security interests.

"(5) Contracts and transactions entered into pursuant to this subsection that are expected to cost the Department of Defense in excess of $500,000,000 (including all options) may be awarded only if—

"(A) the Under Secretary of Defense for Acquisition and Sustainment determines in writing that award of the contract or transaction is essential to meet critical national security objectives; and

"(B) the congressional defense committees are notified in writing not later than 30 days before award of the contract or transaction.".

SEC. 212. EXTENSION OF DIRECTED ENERGY PROTOTYPE AUTHORITY.

Section 219(c)(4) of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114–328; 10 U.S.C. 2431 note) is amended—

(1) in subparagraph (A), by striking "Except as provided in subparagraph (B)" and inserting "Except as provided in subparagraph (C)";

(2) by redesignating subparagraph (B) as subparagraph (C);

(3) by inserting after subparagraph (A) the following:

"(B) Except as provided in subparagraph (C) and subject to the availability of appropriations for such purpose, of the funds authorized to be appropriated by the National Defense Authorization Act for Fiscal Year 2019 or otherwise made available for fiscal year 2019 for research, development, test, and evaluation, defense-wide, up to $100,000,000 may be available to the Under Secretary to allocate to the military departments, the defense agencies, and the combatant commands to carry out the program established under paragraph (1).''; and

(4) in subparagraph (C), as so redesignated, by striking ''made available under subparagraph (A)'' and inserting ''made available under subparagraph (A) or subparagraph (B)''.

SEC. 213. PROHIBITION ON AVAILABILITY OF FUNDS FOR THE WEATHER COMMON COMPONENT PROGRAM.

(a) PROHIBITION.—None of the funds authorized to be appropriated by this Act or otherwise made available for fiscal year 2019 for research, development, test, and evaluation, Air Force, for weather service (PE 0305111F, Project 672738) for product development, test and evaluation, and management services associated with the Weather Common Component program may be obligated or expended.

(b) REPORT REQUIRED.—

(1) IN GENERAL.—The Secretary of the Air force shall submit to the congressional defense committees a report on technologies and capabilities that—

(A) provide real-time or near real-time meteorological situational awareness data through the use of sensors installed on manned and unmanned aircraft; and

(B) were developed primarily using funds of the Department of Defense.

(2) ELEMENTS.—The report under paragraph (1) shall include—

(A) a description of all technologies and capabilities described in paragraph (1) that exist as of the date on which the report is submitted;

(B) a description of any testing activities that have been completed for such technologies and capabilities, and the results of those testing activities;

(C) the total amount of funds used by the Department of Defense for the development of such technologies and capabilities;

(D) a list of capability gaps or shortfalls in any major commands of the Air Force relating to the gathering, processing, exploitation, and

dissemination of real-time or near real-time meteorological situational awareness data for unmanned systems;

(E) an explanation of how such gaps or shortfalls may be remedied to supplement the weather forecasting capabilities of the Air Force and to enhance the efficiency or effectiveness of combat air power; and

(F) a plan for fielding existing technologies and capabilities to mitigate such gaps or shortfalls.

SEC. 214. LIMITATION PENDING CERTIFICATION ON THE JOINT SURVEILLANCE TARGET ATTACK RADAR SYSTEM RECAPITALIZATION PROGRAM.

(a) LIMITATION.—Until a period of 15 days has elapsed following the date on which the Secretary of the Air Force submits to the congressional defense committees the certification described in subsection (b)—

(1) of the total amount of funds authorized to be appropriated by this Act or otherwise made available for the Air Force for fiscal year 2019 for the covered programs not more than 50 percent may be obligated or expended for the programs; and

(2) the Secretary of the Air Force may not divest more than one legacy E–8 Joint Surveillance Target Attack Radar System aircraft.

(b) CERTIFICATION.—The certification described in this subsection is a written statement of the Secretary of the Air Force certifying that—

(1) the Secretary has awarded one or more contracts under the Joint Surveillance Target Attack Radar System recapitalization program for—

(A) engineering, manufacturing, and development

(B) low-rate initial production;

(C) production; and

(D) initial contractor support; and

(2) the program is proceeding in accordance with the plans for the program set forth in the budget request of the President submitted to Congress under section 1105 of title 31, United States Code, for fiscal year 2018.

(c) GAO REPORT AND BRIEFING.—

(1) REPORT REQUIRED.—Not later than March 1, 2020, the Comptroller General of the United States shall submit to the congressional defense committees a report on Increment 1, Increment 2, and Increment 3 of the 21st Century Advanced Battle-Management

System of Systems capability of the Air Force. The report shall include a review of—

(A) the technologies that compose the capability and the level of maturation of such technologies;

(B) the resources budgeted for the capability;

(C) the fielding plan for the capability;

(D) any risk assessments associated with the capability; and

(E) the overall acquisition strategy for the capability.

(2) INTERIM BRIEFING.—Not later than March 1, 2019, the Comptroller General of the United States shall provide to the Committee on Armed Services of the House of Representatives a briefing on the topics to be covered by the report under paragraph (1), including any preliminary data and any issues or concerns of the Comptroller General relating to the report.

(d) AIR FORCE REPORT.—Not later than February 5, 2019, the Secretary of the Air Force shall submit to the congressional defense committees a report on the legacy fleet of E–8C Joint Surveillance Target Attack Radar System aircraft that includes—

(1) the modernization and sustainment strategy, and associated costs, for the airframe and mission systems that will be used to maintain the legacy fleet of such aircraft until the Joint Surveillance Target Attack Radar System recapitalization program achieves initial operational capability; and

(2) a plan that describes how the Secretary will—

(A) continue to provide combatant commanders with the current level of E–8C force support;

(B) accelerate the Joint Surveillance Target Attack Radar System recapitalization program to significantly decrease the time needed to achieve initial operational capability without adversely affecting currently programmed E–8C manpower levels; and

(C) maintain acceptable levels of risk while carrying out the activities described in subparagraphs (A) and (B).

(e) PROGRAM OFFICE PERSONNEL.—Using funds authorized to be appropriated by this Act or otherwise made available for the Air Force for fiscal year 2019 for the Joint Surveillance Target Attack Radar System recapitalization program, the Secretary of the Air Force may obligate and

expend funds necessary for civilian pay expenses required to manage, execute, and deliver the Joint Surveillance Target Attack Radar System recapitalization weapon system capability.

(f) COVERED PROGRAM DEFINED.—In this section, the term "covered program" means any program comprising Increment 1, Increment 2, or Increment 3, of the 21st Century Advanced Battle-Management System of Systems capability of the Air Force, except the term does not include any activities under the legacy E–8C program or the Joint Surveillance Target Attack Radar System recapitalization program of the Air Force.

SEC. 215. LIMITATION ON AVAILABILITY OF FUNDS FOR F–35 CONTINUOUS CAPABILITY DEVELOPMENT AND DELIVERY.

(a) LIMITATION.—Except as provided in subsection (b), of the funds authorized to be appropriated by this Act or otherwise made available for fiscal year 2019 for the F–35 continuous capability development and delivery program, not more than 75 percent may be obligated or expended until a period of 15 days has elapsed following the date on which the Secretary of Defense submits to the congressional defense committees a detailed cost estimate and baseline schedule for the program, which shall include any

information required for a major defense acquisition program under section 2435 of title 10, United States Code.

(b) EXCEPTION.—The limitation in subsection (a) does not apply to any funds authorized to be appropriated or otherwise made available for the development of the F–35 dual capable aircraft capability.

SEC. 216. LIMITATION ON AVAILABILITY OF FUNDS PENDING REPORT ON AGILE SOFTWARE DEVELOPMENT AND SOFTWARE OPERATIONS.

(a) LIMITATION.—Of the of funds described in subsection (d), not more than 75 percent may be obligated or expended until a period of 30 days has elapsed following the date on which the Secretary of the Air Force submits the report required under subsection (b).

(b) REPORT.—Subject to subsection (c), the Secretary of the Air Force shall submit to the congressional defense committees a report that includes a description of each of the following:

(1) The specific cost-estimating tools and methodologies used to formulate Air Force budgets for software application development using Agile Software Development and Software Operations (referred to in this section as "Agile DevOps") in support of modernization and upgrade activities for Air Operations Centers.

(2) The types of contracts used to execute Agile DevOps activities and the rationale for using each type of contract.

(3) How intellectual property ownership issues associated with software applications developed with Agile DevOps processes will be addressed to ensure future sustainment, maintenance, and upgrades to software applications after the applications are fielded.

(4) The Secretary's strategy for ensuring that software applications developed for Air Operations Centers are transportable and translatable among all the Centers to avoid any duplication of efforts.

(5) Any tools and software applications that have been developed for the Air Operations Centers and the costs and cost categories associated with developing each such tool and software application.

(c) REVIEW.—Before submitting the report under subsection (b), the Secretary of the Air Force shall ensure that the report is reviewed and approved by the Director of Defense Pricing and the Defense Procurement and Acquisition Policy.

(d) FUNDS DESCRIBED.—The funds described in this subsection are the following:

(1) Funds authorized to be appropriated by this Act or otherwise made available for fiscal year 2019

for research, development, test, and evaluation, Air Force, for Air and Space Operations Centers (PE 0207410F, Project 674596).

(2) Funds authorized to be appropriated by this Act or otherwise made available for fiscal year 2019 for other procurement, Air Force, for Air and Space Operations Centers.

SEC. 217. LIMITATION ON AVAILABILITY OF FUNDS FOR CERTAIN HIGH ENERGY LASER ADVANCED TECHNOLOGY.

(a) LIMITATION.—Of the funds authorized to be appropriated by this Act or otherwise made available for fiscal year 2019 for the Department of Defense for High Energy Laser Advanced Technology (PE 0603924D8Z), not more than 50 percent may be obligated or expended until the date on which the Secretary of Defense submits to the congressional defense committees—

(1) a logical roadmap and detailed assessment of the high energy laser programs of the Department of Defense; and

(2) a justification for the $33,533,000 of increased funding for high energy laser programs authorized in the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115–91).

(b) RULE OF CONSTRUCTION.—The limitation in subsection (a) shall not be construed to apply to any other high energy laser program of the Department of Defense other than the program element specified in such subsection.

SEC. 218. PLAN FOR ELIMINATION OR TRANSFER OF THE STRATEGIC CAPABILITIES OFFICE OF THE DEPARTMENT OF DEFENSE.

(a) PLAN REQUIRED.—Not later than March 1, 2019, the Secretary of Defense, acting through the Under Secretary of Defense for Research and Engineering, shall submit to the congressional defense committees a plan—

(1) to eliminate the Strategic Capabilities Office of the Department of Defense by not later than October 1, 2020; or

(2) to transfer the functions of the Strategic Capabilities Office to another organization or element of the Department by not later than October 1, 2020.

(b) ELEMENTS.—The plan required under subsection (a) shall include the following:

(1) A timeline for the potential elimination or transfer of the activities, functions, programs, plans, and resources of the Strategic Capabilities Office.

(2) A strategy for mitigating risk to the programs of the Strategic Capabilities Office while the elimination or transfer is carried out.

(3) A strategy for implementing the lessons learned and best practices of the Strategic Capabilities Office across the organizations and elements of the Department of Defense to promote enterprise-wide innovation.

(c) FORM OF PLAN.—The plan required under subsection (a) shall be submitted in unclassified form, but may include a classified annex.

SEC. 219. NATIONAL SECURITY SCIENCE AND TECHNOLOGY STRATEGY.

(a) STRATEGY.—Not later than February 4, 2019, the Secretary of Defense shall develop and implement a strategy (to be known as the "National Security Science and Technology Strategy") to prioritize the science and technology efforts and investments of the Department of Defense.

(b) ELEMENTS.—The strategy under subsection (a) shall—

(1) include specific goals for the science and technology programs of the Department of Defense in which personnel and resources of the Department are invested;

(2) be aligned with the National Defense Strategy and Government-wide strategic science and technology priorities, including the defense budget prior-

ities of the Office of Science and Technology Policy of the President;

(3) align the acquisition priorities, programs, and timelines of the Department with the acquisition priorities, programs, and timelines of defense enterprise laboratories and services;

(4) contain an assessment of high priority emerging technology programs of the Department, including programs relating to hypersonics, directed energy, synthetic biology, and artificial intelligence;

(5) identify high priority research and engineering requirements and gaps;

(6) include recommendations for changes in authorities, regulations, policies, or any other relevant areas, that would support the achievement of the goals set forth in the strategy; and

(7) contain such other information as the Secretary of Defense determines to be appropriate.

(c) ANNUAL SUBMISSION.—

(1) IN GENERAL.—Not later than February 4, 2019, and annually thereafter through December 31, 2021, the Secretary of Defense shall submit to the congressional defense committees the most recent version of the strategy developed under subsection (a).

(2) FORM OF SUBMISSION.—Each strategy submitted under paragraph (1) shall be submitted in unclassified form, but may include a classified annex

(d) BRIEFING.—Not later than 14 days after the date on which the initial strategy under subsection (a) is completed, the Under Secretary of Defense for Research and Engineering shall provide to the Committees on Armed Services of the Senate and the House of Representatives a briefing on the implementation of the strategy.

SEC. 220. MODIFICATION OF CVN–73 TO SUPPORT FIELDING OF MQ–25 UNMANNED AERIAL VEHICLE.

The Secretary of the Navy shall ensure that the aircraft carrier designated CVN–73 is modified to support the fielding of the MQ–25 unmanned aerial vehicle before the date on which the refueling and complex overhaul of the aircraft carrier is completed.

Subtitle C—Reports and Other Matters

SEC. 221. REPORT ON SURVIVABILITY OF AIR DEFENSE ARTILLERY.

(a) REPORT REQUIRED.—Not later than March 1, 2019, the Secretary of the Army shall submit to the Committees on Armed Services of the Senate and the House of Representatives a report on the efforts of the Army to improve the survivability of air defense artillery, with a par-

ticular focus on the efforts of the Army to improve passive and active nonkinetic capabilities and training with respect to such artillery.

(b) ELEMENTS.—The report required under subsection (a) shall include the following:

(1) An analysis of the utility of relevant passive and active non-kinetic integrated air and missile defense capabilities, including tactical mobility, new passive and active sensors, signature reduction, concealment, and deception systems, and electronic warfare and high-powered radio frequency systems.

(2) An analysis of the utility of relevant active kinetic capabilities, such as a new, long-range counter-maneuvering threat missile and additional indirect fire protection capability units to defend Patriot and Terminal High Altitude Area Defense batteries.

(c) FORM OF REPORT.—The report required under subsection (a) shall be submitted in unclassified form, but may contain a classified annex.

SEC. 222. REPORT ON T–45 AIRCRAFT PHYSIOLOGICAL EPISODE MITIGATION ACTIONS.

(a) REPORT REQUIRED.—Not later than March 1, 2019, the Secretary of the Navy shall submit to the congressional defense committees a report on modifications made

to T–45 aircraft and associated ground equipment to mitigate the risk of physiological episodes among T–45 aircraft crewmembers.

(b) ELEMENTS.—The report required under subsection (a) shall include—

(1) a list of all modifications to the T–45 aircraft and associated ground equipment carried out during fiscal years 2017 through 2019 to mitigate the risk of physiological episodes among T–45 crewmembers;

(2) the results achieved by such modifications as determined by relevant testing and operational activities;

(3) the cost of such modifications; and

(4) any plans of the Navy for future modifications.

SEC. 223. REPORT ON EFFORTS OF THE AIR FORCE TO MITIGATE PHYSIOLOGICAL EPISODES AFFECTING AIRCRAFT CREWMEMBERS.

(a) REPORT REQUIRED.—Not later than March 1, 2019, the Secretary of the Air Force shall submit to the congressional defense committees a report on all efforts of the Air Force to reduce the occurrence of, and mitigate the risk posed by, physiological episodes affecting crewmembers of covered aircraft.

(b) ELEMENTS.—The report required under subsection (a) shall include—

(1) information on the rate of physiological episodes affecting crewmembers of covered aircraft;

(2) a description of the specific actions carried out by the Air Force to address such episodes, including a description of any upgrades or other modifications made to covered aircraft to address such episodes;

(3) schedules and cost estimates for any upgrades or modifications identified under paragraph (3); and

(4) an explanation of any organizational or other changes to the Air Force carried out to address such physiological episodes.

(c) COVERED AIRCRAFT DEFINED.—In this section, the term "covered aircraft" means—

(1) F–35A aircraft of the Air Force;

(2) T–6A aircraft of the Air Force; and

(3) any other aircraft of the Air Force as determined by the Secretary of the Air Force.

SEC. 224. BRIEFING ON USE OF QUANTUM SCIENCES FOR MILITARY APPLICATIONS AND OTHER PURPOSES.

(a) BRIEFING REQUIRED.—Not later than 180 days after the date of the enactment of this Act, the Secretary

of Defense shall provide to the congressional defense committees a briefing on the strategy of the Secretary for using quantum sciences for military applications and other purposes.

(b) ELEMENTS.—The briefing under subsection (a) shall include—

(1) a description of the knowledge-base of the Department of Defense with respect to quantum sciences and any plans of the Secretary of Defense to enhance such knowledge-base;

(2) a plan that describes how the Secretary intends to use quantum sciences for military applications and to meet other needs of the Department; and

(3) an assessment of the efforts of foreign powers to use quantum sciences for military applications and other purposes.

(c) FORM OF BRIEFING.—The briefing under subsection (a) may be provided in classified or unclassified form.

SEC. 225. REPORT ON DEFENSE INNOVATION UNIT EXPERIMENTAL.

Not later than May 1, 2019, the Under Secretary of Defense for Research and Engineering shall submit to the congressional defense committees a report on Defense Inno-

vation Unit Experimental (in this section referred to as the "Unit"). Such a report shall include the following:

(1) The integration of the Unit into the broader Department of Defense research and engineering community to coordinate and de-conflict activities of the Unit with similar activities of the military departments, Defense Agencies, Department of Defense laboratories, the Defense Advanced Research Project Agency, and other entities.

(2) The metrics used to measure the effectiveness of the Unit and the results of these metrics.

(3) The number and types of transitions by the Unit to the military departments or fielded to the warfighter.

(4) The use of other transaction authority by the Unit to include the process, procedures, documentation, and oversight of awards made using such authority.

(5) The impact of the Unit's initiatives, outreach, and investments on Department of Defense access to technology leaders and technology not otherwise accessible to the Department including—

(A) identification of the number of non-traditional companies with Department of Defense

contracts resulting directly from the Unit's initiatives, investments, or outreach;

(B) the number of innovations delivered into the hands of the warfighter; and

(C) how the Department is notifying its internal components about participation in the Unit.

(6) How the Department of Defense is documenting and institutionalizing lessons learned and best practices of the Unit to alleviate the systematic problems with technology access and timely contract execution.

TITLE III—OPERATION AND MAINTENANCE

Subtitle A—Authorization of Appropriations

SEC. 301. AUTHORIZATION OF APPROPRIATIONS.

Funds are here by authorized to be appropriated for fiscal year 2019 for the use of the Armed Forces and other activities and agencies of the Department of Defense for expenses, not otherwise provided for, for operation and maintenance, as specified in the funding table in section 4301.

Subtitle B—Energy and Environment

SEC. 311. INCLUSION OF CONSIDERATION OF ENERGY AND CLIMATE RESILIENCY EFFORTS IN MASTER PLANS FOR MAJOR MILITARY INSTALLATIONS.

Section 2864 of title 10, United States Code, is amended—

(1) in subsection (a)(2)—

(A) in subparagraph (C), by striking "and" at the end;

(B) in subparagraph (D), by striking the period at the end and inserting "; and"; and

(C) by adding at the end the following new subparagraph:

"(E) energy and climate resiliency efforts."; and

(2) in subsection (d), by adding at the end the following new paragraph:

"(3) The term 'energy and climate resiliency' means anticipation, preparation for, and adaptation to utility disruptions and changing environmental conditions and the ability to withstand, respond to and recover rapidly from utility disruptions while ensuring the sustainment of mission-critical operations.".

SEC. 312. USE OF PROCEEDS FROM SALES OF ELECTRICAL ENERGY DERIVED FROM GEOTHERMAL RESOURCES FOR PROJECTS AT MILITARY INSTALLATIONS WHERE RESOURCES ARE LOCATED.

Subsection (b) of section 2916 of title 10, United States Code, is amended—

(1) in paragraph (1), by striking "Proceeds" and inserting "Except as provided in paragraph (3), proceeds"; and

(2) by adding at the end the following new paragraph:

"(3) In the case of proceeds from a sale of electrical energy generated from any geothermal energy resource—

"(A) 50 percent shall be credited to the appropriation account described in paragraph (1); and

"(B) 50 percent shall be deposited in a special account in the Treasury established by the Secretary concerned which shall be available, for military construction projects described in paragraph (2) or for installation energy or water security projects directly coordinated with local area energy or groundwater governing authorities, for the military installation in which the geothermal energy resource is located.".

SEC. 313. EXTENSION OF AUTHORIZED PERIODS OF PERMITTED INCIDENTAL TAKINGS OF MARINE MAMMALS IN THE COURSE OF SPECIFIED ACTIVITIES BY DEPARTMENT OF DEFENSE.

Section 101(a)(5)(A) of the Marine Mammal Protection Act of 1972 (16 U.S.C. 1371(a)(5)(A)) is amended—

(1) in clause (i), by striking "Upon request" and inserting "Except as provided by clause (ii), upon request";

(2) by redesignating clauses (ii) and (iii) as clauses (iii) and (iv), respectively; and

(3) by inserting after clause (i) the following new clause (ii):

"(ii) In the case of a request described in clause (i) made by the Department of Defense, such clause shall be applied—

"(I) in the matter preceding clause (I), by substituting 'ten consecutive years' for 'five consecutive years'; and

"(II) in clause (I), by substituting 'ten-year' for 'five-year'.".

SEC. 314. STATE MANAGEMENT AND CONSERVATION OF SPECIES.

(a) SAGE-GROUSE AND PRAIRIE-CHICKEN.—

(1) IN GENERAL.—During the 10-year period beginning on the date of the enactment of this Act, the

conservation status of each of the Greater Sage-grouse (Centrocercus urophasianus) and the Lesser Prairie-Chicken (Tympanuchus pallidicinctus) under section 4 of the Endangered Species Act of 1973 (16 U.S.C. 1533) shall be not-warranted for listing.

(2) SUBSEQUENT DETERMINATIONS.—In determining conservation efficacy for purposes of making any determination of such status after such 10-year period, the Secretary of the Interior shall fully consider all conservation actions of States, Federal agencies, and military installations.

(b) AMERICAN BURYING BEETLE.—Notwithstanding the final rule of the United States Fish and Wildlife Service entitled "Endangered and Threatened Wildlife and Plants; Determination of Endangered Status for the American Burying Beetle" (54 Fed. Reg. 29652 (July 13, 1989)), the American burying beetle (Nicrophorus americanus) may not be listed as a threatened species or endangered species under the Endangered Species Act of 1973 (16 U.S.C. 1531 et seq.).

(c) JUDICIAL REVIEW.—Notwithstanding any other provision of statute or regulation, this section shall not be subject to judicial review.

Subtitle C—Logistics and Sustainment

SEC. 321. EXAMINATION OF NAVAL VESSELS.

Section 7304(a) of title 10, United States Code, is amended—

(1) by striking "The Secretary" and inserting "(1) The Secretary"; and

(2) by adding at the end the following new paragraphs:

"(2) Any naval vessel examined under this section on or after October 1, 2019, shall be examined without prior notice provided to the crew of the vessel.

"(3) Any report generated relating to an examination under this section shall be unclassified and made publicly available.".

SEC. 322. OVERHAUL AND REPAIR OF NAVAL VESSELS IN FOREIGN SHIPYARDS.

(a) TREATMENT OF NAVAL VESSELS WITHOUT DESIGNATED HOMEPORTS.—Subsection (a)(1) of section 7310 of title 10, United States Code, is amended by adding at the end the following new sentence: "For the purpose of this section, a naval vessel that does not have a designated homeport shall be treated in the same manner as a vessel with a homeport in the United States or Guam.".

(b) DEFINITION OF VOYAGE REPAIR.—Such section is further amended—

(1) in subsection (c)—

(A) in paragraph (3)(C), by striking "as defined" and all that follows through "Volume III"; and

(B) by striking paragraph (5); and

(2) by adding at the end the following new subsection:

"(d) DEFINITIONS.—In this section:

"(1) The term 'covered naval vessel' means any of the following:

"(A) A naval vessel.

"(B) Any other vessel under the jurisdiction of the Secretary of the Navy.

"(C) A vessel not described in subparagraph (A) or (B) that is operated pursuant to a contract entered into by the Secretary of the Navy and the Maritime Administration or the United States Transportation Command in support of Department of Defense operations.

"(2) The term 'voyage repair' means repair performed solely for the corrective maintenance of mission or safety essential items necessary for a vessel to deploy or continue its deployment.".

SEC. 323. LIMITATION ON LENGTH OF OVERSEAS FORWARD DEPLOYMENT OF NAVAL VESSELS.

(a) LIMITATION.—

(1) IN GENERAL.—Chapter 633 of title 10, United States Code, is amended by adding at the end the following new section:

"§ 7320. Limitation on length of overseas forward deployment of naval vessels

"(a) LIMITATION.—The Secretary of the Navy shall ensure that no naval vessel is forward deployed overseas for a period in excess of ten years. At the end of a period of overseas forward deployment, the vessel shall be assigned a homeport in the United States.

"(b) WAIVER.—The Secretary of the Navy may waive the limitation under subsection (a) with respect to a naval vessel if the Secretary submits to the congressional defense committees notice in writing of—

"(1) the waiver of such limitation with respect to the vessel;

"(2) the date on which the period of overseas forward deployment of the vessel is expected to end; and

"(3) the factors used by the Secretary to determine that a longer period of deployment would promote the national defense or be in the public interest.".

(2) CLERICAL AMENDMENT.—The table of sections at the beginning of such chapter is amended by adding at the end the following new section:

"7320. Limitation on length of overseas forward deployment of naval vessels.".

(b) TREATMENT OF CURRENTLY DEPLOYED VESSELS.—In the case of any naval vessel that has been forward deployed overseas for a period in excess of ten years as of the date of the enactment of this Act, the Secretary of the Navy shall ensure that such vessel is assigned a homeport in the United States by not later than three years after the date of the enactment of this Act.

(c) CONGRESSIONAL BRIEFING.—Not later than 90 days after the date of the enactment of this Act, the Secretary of the Navy shall provide to the Committees on Armed Services of the Senate and House of Representatives a briefing on the plan of the Secretary for the rotation of forward deployed naval vessels.

SEC. 324. TEMPORARY MODIFICATION OF WORKLOAD CARRYOVER FORMULA.

During the period beginning on the date of the enactment of this Act and ending on September 30, 2021, in carrying out chapter 9, volume 2B (relating to Instructions for the Preparation of Exhibit Fund-11a Carryover Reconciliation) of Department of Defense regulation 7000.14-R, entitled "Financial Management Regulation (FMR)", in addition to any other applicable exemptions, the Secretary

of Defense shall ensure that with respect to each military department depot or arsenal, outlay rates—

(1) reflect the timing of when during a fiscal year appropriations have historically funded workload; and

(2) account for the varying repair cycle times of the workload supported.

SEC. 325. LIMITATION ON USE OF FUNDS FOR IMPLEMENTATION OF ELEMENTS OF MASTER PLAN FOR REDEVELOPMENT OF FORMER SHIP REPAIR FACILITY IN GUAM.

(a) LIMITATION.—Except as provided in subsection (b), none of the funds authorized to be appropriated by this Act or otherwise made available for the Navy for fiscal year 2019 may be obligated or expended for any construction, alteration, repair, or development of the real property consisting of the Former Ship Repair Facility in Guam.

(b) EXCEPTION.—The limitation under subsection (a) does not apply to any project that directly supports depot-level ship maintenance capabilities, including the mooring of a floating dry dock.

(c) FORMER SHIP REPAIR FACILITY IN GUAM.—In this section, the term "Former Ship Repair Facility in Guam" means the property identified by that name under the base realignment and closure authority carried out

under the Defense Base Closure and Realignment Act of 1990 (part A of title XXIX of Public Law 101-510; 10 USC 2687 note).

SEC. 326. BUSINESS CASE ANALYSIS FOR PROPOSED RELOCATION OF J85 ENGINE REGIONAL REPAIR CENTER.

(a) BUSINESS CASE ANALYSIS.—The Secretary of the Air Force shall prepare a business case analysis on the proposed relocation of the J85 Engine Regional Repair Center. Such analysis shall include each of the following:

(1) An overview of each alternative considered for the J85 Engine Regional Repair Center.

(2) The one-time and annual costs associated with each such alternative.

(3) The effect of each such alternative on workload capacity, capability, schedule, throughput, and costs.

(4) The effect of each such alternative on Government-furnished parts, components, and equipment, including mitigation strategies to address known limitations to T38 production throughput, especially such limitations caused by Government-furnished parts, equipment, or transportation.

(5) The effect of each such alternative on the transition of the Air Force to the T-X training aircraft.

(6) A detailed rationale for the selection of an alternative considered as part of the business case analysis under this section.

(b) LIMITATION ON USE OF FUNDS FOR RELOCATION.—None of the funds authorized to be appropriated by this Act, or otherwise made available for the Air Force, may be obligated or expended for any action to relocate the J85 Engine Regional Repair Center until the date that is 150 days after the date on which the Secretary of the Air Force provides to the Committees on Armed Services of the Senate and House of Representatives a briefing on the business case analysis required by subsection (a).

SEC. 327. ARMY ADVANCED AND ADDITIVE MANUFACTURING CENTER OF EXCELLENCE.

(a) DESIGNATION.—The Secretary of the Army shall establish a Center of Excellence on Advanced and Additive Manufacturing at an arsenal (hereafter referred to as "the Center").

(b) PURPOSES.—The Center established in section (a) shall—

(1) support the efforts of the Army to implement advanced and additive manufacturing techniques and

capabilities across the Army industrial facilities (as defined by section 4544(j) of title 10, United States Code);

(2) identify improvements to sustainment methods for component parts and other logistics needs;

(3) identify and implement appropriate cyber protections to ensure viability of advanced and additive manufacturing within the Army organic industrial base in consultation with the Army Cyber Center of Excellence and other appropriate government and private sector entities; and

(4) aid in the procurement of advanced and additive manufacturing equipment and support services including training.

(c) ASSISTANCE.—

(1) IN GENERAL.—The Secretary of the Army may use public-private partnerships and other transactional activity pursuant to section 2371 of title 10, United States Code, with covered entities to facilitate the development of advanced and additive manufacturing techniques in support of Army industrial facilities.

(2) TERMS OF PARTNERSHIPS AND AGREEMENTS.—Public-private partnerships and other transactional activity under paragraph (1)—

(A) shall facilitate development and implementation of advanced and additive manufacturing techniques and capabilities that support the Army organic industrial base;

(B) may support necessary workforce development and support efforts to sustain advanced and additive manufacturing in the Army organic industrial base;

(C) shall facilitate appropriate sharing of information in the adaptation of advanced and additive manufacturing into the Army organic industrial base; and

(D) shall facilitate implementation of appropriate cyber protections into advanced and additive manufacturing tools and techniques.

(d) DEFINITION OF COVERED ENTITY.—In this section, the term "covered entity" includes—

(1) community and technical colleges;

(2) research universities;

(3) State and local governments;

(4) economic development entities;

(5) non-profit technical associations in advanced manufacturing; and

(6) non-profit organizations with a focus on improving the defense industrial base.

Subtitle D—Reports

SEC. 331. MATTERS FOR INCLUSION IN QUARTERLY REPORTS ON PERSONNEL AND UNIT READINESS.

Section 482 of title 10, United States Code, is amended—

(1) in subsection (b)(1), by inserting after "deficiency" the following: "in the ground, sea, air, space, and cyber forces, and in such other such areas as determined by the Secretary of Defense,"; and

(2) in subsection (d)—

(A) in the subsection heading, by striking "ASSIGNED MISSION";

(B) by striking paragraph (3);

(C) by redesignating paragraphs (2) as paragraph (3); and

(D) by inserting after paragraph (1) the following new paragraph (2):

"(2) A report for the second or fourth quarter of a calendar year under this section shall also include an assessment by each commander of a geographic or functional combatant command of the readiness of the command to conduct operations in a multidomain battle that integrates ground, air, sea, space, and cyber forces.".

SEC. 332. ANNUAL COMPTROLLER GENERAL REVIEWS OF READINESS OF ARMED FORCES TO CONDUCT FULL SPECTRUM OPERATIONS.

(a) REVIEWS REQUIRED.—For each of calendar years 2018 through 2021, the Comptroller General of the United States shall conduct an annual review of the readiness of the Armed Forces to conduct each of the following types of full spectrum operations:

(1) Ground.

(2) Sea.

(3) Air.

(4) Space.

(5) Cyber.

(b) ELEMENTS OF REVIEW.—In conducting a review under subsection (a), the Comptroller General shall—

(1) use standard methodology and reporting formats in order to show changes over time;

(2) evaluate, using fiscal year 2017 as the base year of analysis—

(A) force structure;

(B) the ability of major operational units to conduct operations; and

(C) the status of equipment, manning, and training; and

(3) provide reasons for any variances in readiness levels, including changes in funding, availability

in parts, training opportunities, and operational demands.

(c) METRICS.—For purposes of the reviews required by this section, the Secretary of Defense shall identify and establish metrics for measuring readiness for the operations covered by subsection (a). In the first review conducted under this section, the Comptroller General shall evaluate and determine the validity of such metrics.

(d) ACCESS TO RELEVANT DATA.—For purposes of this section, the Secretary of Defense shall ensure that the Comptroller General has access to all relevant data, including—

(1) any assessments of the ability of the Department of Defense and the Armed Forces to execute operational and contingency plans;

(2) any internal Department readiness and force structure assessments; and

(3) the readiness databases of the Department and the Armed Forces.

(e) REPORTS.—

(1) ANNUAL REPORT.—Not later than February 28, 2019, and annually thereafter until 2022, the Comptroller General shall submit to the Committees on Armed Services of the Senate and House of Representatives an annual report on the review conducted

under subsection (a) for the year preceding the year during which the report is submitted.

(2) ADDITIONAL REPORTS.—At the discretion of the Comptroller General, the Comptroller General may submit to the Committees on Armed Services of the Senate and House of Representatives additional reports addressing specific mission areas within the operations covered by subsection (a) in order to provide an independent assessment of readiness in the areas of equipping, mapping, and training.

SEC. 333. SURFACE WARFARE TRAINING IMPROVEMENT.

(a) FINDINGS.—Congress makes the following findings:

(1) In 2017, there were three collisions and one grounding involving United States Navy ships in the Western Pacific. The two most recent mishaps involved separate incidents of a Japan-based United States Navy destroyer colliding with a commercial merchant vessel, resulting in the combined loss of 17 sailors.

(2) The causal factors in these four mishaps are linked directly to a failure to take sufficient action in accordance with the rules of good seamanship.

(3) Because risks are high in the maritime environment, there are widely accepted standards for safe seamanship and navigation. In the United States, the

International Convention on Standards of Training, Certification and Watchkeeping (hereinafter in this section referred to as the "STCW") for Seafarers, standardizes the skills and foundational knowledge a maritime professional must have in seamanship and navigation.

(4) Section 568 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328; 130 Stat. 2139) endorsed the STCW process and required the Secretary of Defense to maximize the extent to which Armed Forces service, training, and qualifications are creditable toward meeting merchant mariner licenses and certifications.

(5) The Surface Warfare Officer Course Curriculum is being modified to include ten individual Go/No Go Mariner Assessments/Competency Check Milestones to ensure standardization and quality of the surface warfare community.

(6) The Military-to-Mariner Transition report of September 2017 notes the Army maintains an extensive STCW qualifications program and that a similar Navy program does not exist.

(b) SENSE OF CONGRESS.—It is the sense of Congress that—

(1) the Secretary of the Navy should establish a comprehensive individual proficiency assessment process and include such an assessment prior to all operational surface warfare officer tour assignments; and

(2) the Secretary of the Navy should significantly expand the STCW qualifications process to improve seamanship and navigation individual skills training for surface warfare candidates, surface warfare officers, quartermasters and operations specialists to include an increased set of courses that directly correspond to STCW standards.

(c) REPORT.—Not later than March 1, 2019, the Secretary of the Navy shall submit to the congressional defense committees a report that includes each of the following:

(1) A detailed description of the surface warfare officer assessments process.

(2) A list of programs that have been approved for credit toward merchant mariner credentials.

(3) A complete gap analysis of the existing surface warfare training curriculum and STCW.

(4) A complete gap analysis of the existing surface warfare training curriculum and the 3rd mate unlimited licensing requirement.

(5) An assessment of surface warfare options to complete the 3rd mate unlimited license and the STCW qualification.

SEC. 334. REPORT ON OPTIMIZING SURFACE NAVY VESSEL INSPECTIONS AND CREW CERTIFICATIONS.

(a) REPORT REQUIRED.—Not later than one year after the date of the enactment of this Act, the Secretary of the Navy shall submit to Congress a report on optimizing surface Navy vessel inspections and crew certifications to reduce the burden of inspection type visits that vessels undergo. Such report shall include—

(1) an audit of all surface Navy vessel inspections, certifications, and required and recommended assist visits;

(2) an analysis of such inspections, certifications, and visits for redundancies, as well as any necessary items not covered;

(3) recommendations to streamline surface vessel inspections, certifications, and required and recommended assist visits to optimize effectiveness, improve material readiness, and restore training readiness; and

(4) recommendations for congressional action to address the needs of the Navy as identified in the report.

(b) CONGRESSIONAL BRIEFING.—Not later than January 31, 2019, the Secretary of the Navy shall provide to the Senate Committee on Armed Services and the House Committee on Armed Services an interim briefing on the matters to be included in the report required by subsection (a).

Subtitle E—Other Matters

SEC. 341. COAST GUARD REPRESENTATION ON EXPLOSIVE SAFETY BOARD.

Section 172(a) of title 10, United States Code, is amended—

(1) by striking "and Marine Corps" and inserting "Marine Corps, and Coast Guard"; and

(2) by adding at the end the following new sentence: "When the Coast Guard is not operating as a service in the Department of the Navy, the Secretary of Homeland Security shall appoint an officer of the Coast Guard to serve as a voting member of the board.".

SEC. 342. SHILOH NATIONAL MILITARY PARK BOUNDARY ADJUSTMENT AND PARKER'S CROSSROADS BATTLEFIELD DESIGNATION.

(a) AREAS TO BE ADDED TO SHILOH NATIONAL MILITARY PARK.—

(1) ADDITIONAL AREAS.—The boundary of Shiloh National Military Park is modified to include the areas that are generally depicted on the map entitled "Shiloh National Military Park, Proposed Boundary Adjustment", numbered 304/80,011, and dated July 2014, as follows:

(A) Fallen Timbers Battlefield.

(B) Russell House Battlefield.

(C) Davis Bridge Battlefield.

(2) ACQUISITION AUTHORITY.—The Secretary may acquire lands described in paragraph (1) by donation, purchase from willing sellers with donated or appropriated funds, or exchange.

(3) ADMINISTRATION.—Any lands acquired under this section shall be administered as part of the Park.

(b) ESTABLISHMENT OF AFFILIATED AREA.—

(1) IN GENERAL.—Parker's Crossroads Battlefield in the State of Tennessee is hereby established as an affiliated area of the National Park System.

(2) DESCRIPTION.—The affiliated area shall consist of the area generally depicted within the "Proposed Boundary" on the map entitled "Parker's Crossroads Battlefield, Proposed Boundary", numbered 903/80,073, and dated July 2014.

(3) ADMINISTRATION.—The affiliated area shall be managed in accordance with this section and all laws generally applicable to units of the National Park System.

(4) MANAGEMENT ENTITY.—The City of Parkers Crossroads and the Tennessee Historical Commission shall jointly be the management entity for the affiliated area.

(5) COOPERATIVE AGREEMENTS.—The Secretary may provide technical assistance and enter into cooperative agreements with the management entity for the purpose of providing financial assistance with marketing, marking, interpretation, and preservation of the affiliated area.

(6) LIMITED ROLE OF THE SECRETARY.—Nothing in this section authorizes the Secretary to acquire property at the affiliated area or to assume overall financial responsibility for the operation, maintenance, or management of the affiliated area.

(7) GENERAL MANAGEMENT PLAN.—

(A) IN GENERAL.—The Secretary, in consultation with the management entity, shall develop a general management plan for the affiliated area. The plan shall be prepared in accord-

ance with section 100502 of title 54, United States Code.

(B) TRANSMITTAL.—Not later than 3 years after the date that funds are made available for this section, the Secretary shall provide a copy of the completed general management plan to the Committee on Natural Resources of the House of Representatives and the Committee on Energy and Natural Resources of the Senate.

(c) PRIVATE PROPERTY PROTECTION.—

(1) NO USE OF CONDEMNATION.—The Secretary may not acquire by condemnation any land or interests in land under this section or for the purposes of this section.

(2) WRITTEN CONSENT OF OWNER.—No non-Federal property may be included in the Shiloh National Military Park without the written consent of the owner.

(3) NO BUFFER ZONE CREATED.—Nothing in this section, the establishment of the Shiloh National Military Park, or the management plan for the Shiloh National Military Park shall be construed to create buffer zones outside of the Park. That activities or uses can be seen, heard, or detected from areas within the Shiloh National Military Park shall not preclude,

limit, control, regulate, or determine the conduct or management of activities or uses outside of the Park.

(d) DEFINITIONS.—In this section:

(1) The term "affiliated area" means the Parker's Crossroads Battlefield established as an affiliated area of the National Park System under subsection (b).

(2) The term "Park" means Shiloh National Military Park, a unit of the National Park System.

(3) The term "Secretary" means the Secretary of the Interior.

SEC. 343. SENSE OF CONGRESS REGARDING CRITICAL MINERALS.

It is the sense of Congress that the final composition of the critical minerals list, as ordered by Executive Order 13817, should include aggregates, copper, molybendum, gold, zinc, nickel, lead, silver, and certain fertilizer compounds in addition to the 35 minerals included in the draft list, as published on February 16, 2018, for public comment.

TITLE IV—MILITARY PERSONNEL AUTHORIZATIONS

Subtitle A—Active Forces

SEC. 401. END STRENGTHS FOR ACTIVE FORCES.

The Armed Forces are authorized strengths for active duty personnel as of September 30, 2019, as follows:

(1) The Army, 487,500.

(2) The Navy, 335,400.

(3) The Marine Corps, 186,100.

(4) The Air Force, 329,100.

SEC. 402. REVISIONS IN PERMANENT ACTIVE DUTY END STRENGTH MINIMUM LEVELS.

Section 691(b) of title 10, United States Code, is amended by striking paragraphs (1) through (4) and inserting the following new paragraphs:

"(1) For the Army, 487,500.

"(2) For the Navy, 335,400.

"(3) For the Marine Corps, 186,100.

"(4) For the Air Force, 329,100.".

Subtitle B—Reserve Forces

SEC. 411 . END STRENGTHS FOR SELECTED RESERVE.

(a) IN GENERAL.—The Armed Forces are authorized strengths for Selected Reserve personnel of the reserve components as of September 30, 2019, as follows:

(1) The Army National Guard of the United States, 343,500.

(2) The Army Reserve, 199,500.

(3) The Navy Reserve, 59,100.

(4) The Marine Corps Reserve, 38,500.

(5) The Air National Guard of the United States, 107,100.

(6) The Air Force Reserve, 70,000.

(7) The Coast Guard Reserve, 7,000.

(b) END STRENGTH REDUCTIONS.—The end strengths prescribed by subsection (a) for the Selected Reserve of any reserve component shall be proportionately reduced by—

(1) the total authorized strength of units organized to serve as units of the Selected Reserve of such component which are on active duty (other than for training) at the end of the fiscal year; and

(2) the total number of individual members not in units organized to serve as units of the Selected Reserve of such component who are on active duty (other than for training or for unsatisfactory participation in training) without their consent at the end of the fiscal year.

(c) END STRENGTH INCREASES.—Whenever units or individual members of the Selected Reserve of any reserve component are released from active duty during any fiscal

year, the end strength prescribed for such fiscal year for the Selected Reserve of such reserve component shall be increased proportionately by the total authorized strengths of such units and by the total number of such individual members.

SEC. 412 . END STRENGTHS FOR RESERVES ON ACTIVE DUTY IN SUPPORT OF THE RESERVES.

Within the end strengths prescribed in section 411(a), the reserve components of the Armed Forces are authorized, as of September 30, 2019, the following number of Reserves to be serving on full-time active duty or full-time duty, in the case of members of the National Guard, for the purpose of organizing, administering, recruiting, instructing, or training the reserve components:

(1) The Army National Guard of the United States, 30,595.

(2) The Army Reserve, 16,386.

(3) The Navy Reserve, 10,110.

(4) The Marine Corps Reserve, 2,261.

(5) The Air National Guard of the United States, 19,861.

(6) The Air Force Reserve, 3,849.

SEC. 413 . END STRENGTHS FOR MILITARY TECHNICIANS (DUAL STATUS).

The minimum number of military technicians (dual status) as of the last day of fiscal year 2019 for the reserve components of the Army and the Air Force (notwithstanding section 129 of title 10, United States Code) shall be the following:

(1) For the Army National Guard of the United States, 22,294.

(2) For the Army Reserve, 6,492.

(3) For the Air National Guard of the United States, 18,969.

(4) For the Air Force Reserve, 8,880.

SEC. 414 . MAXIMUM NUMBER OF RESERVE PERSONNEL AUTHORIZED TO BE ON ACTIVE DUTY FOR OPERATIONAL SUPPORT.

During fiscal year 2019, the maximum number of members of the reserve components of the Armed Forces who may be serving at any time on full-time operational support duty under section 115(b) of title 10, United States Code, is the following:

(1) The Army National Guard of the United States, 17,000.

(2) The Army Reserve, 13,000.

(3) The Navy Reserve, 6,200.

(4) The Marine Corps Reserve, 3,000.

(5) The Air National Guard of the United States, 16,000.

(6) The Air Force Reserve, 14,000.

Subtitle C—Authorization of Appropriations

SEC. 421 . MILITARY PERSONNEL.

(a) AUTHORIZATION OF APPROPRIATIONS.—Funds are hereby authorized to be appropriated for fiscal year 2019 for the use of the Armed Forces and other activities and agencies of the Department of Defense for expenses, not otherwise provided for, for military personnel, as specified in the funding table in section 4401.

(b) CONSTRUCTION OF AUTHORIZATION.—The authorization of appropriations in subsection (a) supersedes any other authorization of appropriations (definite or indefinite) for such purpose for fiscal year 2019.

TITLE V—MILITARY PERSONNEL POLICY

Subtitle A—Regular Component Management

SEC. 501. EXPANSION OF AUTHORITY TO AWARD CONSTRUCTIVE SERVICE CREDIT FOR ADVANCED EDUCATION, EXPERIENCE, OR TRAINING, UPON ORIGINAL APPOINTMENT AS A COMMISSIONED OFFICER.

(a) ACTIVE-DUTY LIST APPOINTMENTS.—Section 533(g) of title 10, United States Code, is amended—

(1) in paragraph (1)—

(A) in the matter preceding subparagraph (A)—

(i) by striking "with cyberspace-related experience or advanced education" and inserting "with advanced education, special experience, or special training in a designated field"; and

(ii) by striking "critically";

(B) in subparagraph (A)—

(i) by striking "in a particular cyberspace-related field" and inserting "in such designated field"; and

(ii) by striking "operational"; and

(C) in subparagraph (B)—

(i) by striking "in a cyberspace-related field" and inserting "in such designated field"; and

(ii) by striking "operational";

(2) by striking paragraph (2) and inserting the following:

"(2) The amount of constructive service credited an officer under this subsection may not exceed the amount required for the officer to be eligible for an original appointment in the grade of—

"(A) colonel in the Army, Air Force, or Marine Corps; or

"(B) captain in the Navy."; and

(3) by striking paragraph (4) and inserting the following new paragraph:

"(4) In this subsection, the term 'designated field' includes the following:

"(A) Cyberspace.

"(B) Any scientific or technical field designated by the Secretary of Defense.

"(C) Any other field designated by the Secretary of Defense as a field—

"(i) that requires a high level of skill; and

"(ii) that an insufficient number of officers possess in the military department concerned.".

(b) RESERVE ACTIVE-STATUS LIST APPOINTMENTS.—Section 12207 of such title is amended—

(1) in subsection (a)(2), by striking "subsection (b) or (e)" and inserting "subsection (b), (e), or (g)";

(2) in subsection (f), by striking "or (e)" and inserting "(e), or (g)";

(3) by redesignating subsection (g) as subsection (h); and

(4) by inserting after subsection (f) the following new subsection (g):

"(g)(1) Under regulations prescribed by the Secretary of Defense, if the Secretary of a military department determines that the number of commissioned officers serving on the reserve active-status list in an armed force under the jurisdiction of such Secretary with advanced education, special experience, or special training in a designated field is below the number needed, such Secretary may credit any person receiving an original appointment with a period of constructive service for the following:

"(A) Any period of advanced education in such designated field beyond the baccalaureate degree level if such advanced education is directly related to the needs of the armed force concerned.

"(B) Special experience or special training in such designated field if such experience or training is directly related to the needs of the armed force concerned.

"(2) The amount of constructive service credited an officer under this subsection may not exceed the amount required for the officer to be eligible for an original appointment in the grade of—

"(A) colonel in the Army, Air Force, or Marine Corps; or

"(B) captain in the Navy.

"(3) Constructive service credited an officer under this subsection is in addition to any service credited that officer under subsection (a) and shall be credited at the time of the original appointment of the officer.

"(4) In this subsection, the term 'designated field' means any of the following:

"(A) Cyberspace.

"(B) Any scientific or technical field designated by the Secretary of Defense.

"(C) Any other field designated by the Secretary of Defense as a field—

"(i) that requires a high level of skill; and

"(ii) that an insufficient number of officers possess in the military department concerned.".

SEC. 502. SURFACE WARFARE OFFICERS CAREER PATHS.

(a) IN GENERAL.—Chapter 602 of title 10, United States Code, is amended by adding at the end the following new section:

"§ 6933. Surface warfare officers: career paths

"Any naval officer who is commissioned as a surface warfare officer on or after January 1, 2021, shall be assigned to one of the following career paths:

"(1) Ship engineering systems.

"(2) Ship operations and combat systems.".

(b) CLERICAL AMENDMENT.—The table of sections at the beginning of such chapter is amended by adding at the end the following new item:

"6933. Surface warfare officers: career paths.".

SEC. 503. AUTHORITY OF SELECTION BOARDS TO RECOMMEND OFFICERS OF PARTICULAR MERIT BE PLACED AT THE TOP OF THE PROMOTION LIST.

(a) RECOMMENDATION BY SELECTION BOARD.—Section 616 of title 10, United States Code, is amended by adding at the end the following new subsection (g):

"(g)(1) A selection board may recommend an officer of particular merit from among officers recommended for promotion under subsection (a) to be placed at the top of a promotion list established by the Secretary of the military department concerned under section 624(a)(1) of this title.

"(2) A selection board may make a recommendation under this subsection only if such recommendation is appropriate in the opinion of a majority of the members of the selection board.

"(3) A selection board may make recommendations under this subsection for no more than the number equal to 20 percent of the maximum number of officers that the board is authorized to recommend for promotion. If the number determined under this paragraph is less than one, the board may recommend one such officer.

"(4) A selection board that recommends under this subsection that more than one officer be placed at the top of a promotion list shall recommend the order in which such officers should be promoted.".

(b) ACTION BY SECRETARY CONCERNED ON RECOMMENDATION OF SELECTION BOARD.—Section 618(a) of such title is amended—

(1) by striking "to law or regulation or to guidelines" and inserting "to law, regulation, or guidelines" each place it appears;

(2) by inserting "or, in the case of a recommendation under section 616(g) of this title, the determination of the Secretary concerned" after "section 615(b) of this title" each place it appears; and

(3) in paragraph (2), by striking "law, regulation, and such guidelines" and inserting "law, regulation, such guidelines, and the determination of the Secretary concerned,".

(c) PRIORITY IN PROMOTION LIST.—Section 624(a)(1) of such title is amended by inserting ", subject to section 616(g) of this title" after "active-duty list".

SEC. 504. DEFERRED DEPLOYMENT FOR MEMBERS WHO GIVE BIRTH.

Section 701 of title 10, United States Code, is amended by adding at the end the following new subsection:

"(l) A member of the armed forces who gives birth while on active duty may not be deployed during the period of 12 months beginning on the date of such birth except—

"(1) at the election of such member; and

"(2) with the approval of a health care provider employed at a military medical treatment facility.".

SEC. 505. CODIFICATION OF LOWERED GRADE FOR RETIRED OFFICERS OR PERSONS WHO COMMITTED MISCONDUCT IN A LOWER GRADE.

(a) IN GENERAL.—Subsection (b) of section 1370 of title 10, United States Code, is amended—

(1) in the heading, by striking "NEXT";

(2) by striking "An" and inserting "(1) An"; and

(3) by adding at the end the following new paragraph:

"(2) In the case of an officer or person whom the Secretary concerned determines committed misconduct in a lower grade, the Secretary concerned may determine the officer or person has not served satisfactorily in any grade equal to or higher than that lower grade.".

(b) CONFORMING AMENDMENTS.—Such section is amended—

(1) in subsection (a)(1)—

(A) by striking "higher" and inserting "different"; and

(B) by striking "except as provided in paragraph (2)" and inserting "subject to paragraph (2) and subsection (b)";

(2) in subsection (c)(1), by striking "An officer" and inserting "Subject to subsection (b), an officer"; and

(3) in subsection (d)(1)—

(A) by striking "higher" each place it appears and inserting "different"; and

(B) by inserting ", subject to subsection (b)," before "shall".

SEC. 506. RETENTION OF MILITARY TECHNICIANS WHO LOSE DUAL STATUS UNDER CERTAIN CIRCUMSTANCES.

Section 10216(g) of title 10, United States Code, is amended—

(1) in paragraph (1), by striking "as the result of a combat-related disability (as defined in section 1413a of this title), the person may be retained" and inserting "for any reason other than a disqualification described in subparagraph (B), the Secretary shall appoint that person to a position under section 3101 of title 5, in accordance with section 2102(a) of that title,";

(2) in paragraph (1)(A), by striking "the combat-related"; and

(3) by striking paragraph (3).

Subtitle B—Reserve Component Management

SEC. 511. PLACEMENT OF NATIONAL GUARD MILITARY TECHNICIANS (DUAL STATUS) IN THE COMPETITIVE SERVICE.

Section 10508 of title 10, United States Code, is amended—

(1) in subsection (b)(1), by striking "sections 2103" and inserting "sections 2102"; and

(2) by adding at the end the following:

"(c) TREATMENT OF MILITARY TECHNICIAN (DUAL STATUS).—

"(1) PRIOR CONVERSIONS.—Not later than 30 days after the date of enactment of this subsection, the Chief of the National Guard Bureau shall convert any military technician (dual status) occupying a position in the excepted service to a position in the competitive service. For purposes of this paragraph, the term 'military technician (dual status)' means any military technician (dual status) of the National Guard of any State, the Commonwealth of Puerto Rico, the District of Columbia, Guam, or the Virgin Islands who, before the date of enactment of this subsection, was converted to a position in the excepted service by operation of this section and section 1053 of the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114–92; 129 Stat. 981; 10 U.S.C. 10216 note).

"(2) FUTURE CONVERSIONS.—Any military technician (dual status) of the National Guard of any State, the Commonwealth of Puerto Rico, the District of Columbia, Guam, or the Virgin Islands converted under this section and such section 1053 after the date of enactment of this subsection to a position filled by individuals who are employed under section

3101 of title 5 shall be converted to a position in the competitive service.

"(3) DEFINITIONS.—In this subsection—

"(A) the term 'competitive service' has the meaning given that term in section 2102 of title 5; and

"(B) the term 'excepted service' has the meaning given that term in section 2103 of such title.".

SEC. 512. AUTHORIZED STRENGTH AND DISTRIBUTION IN GRADE.

(a) STRENGTH AND GRADE AUTHORIZATIONS.—Section 12011(a) of title 10, United States Code is amended by striking those parts of the table pertaining to the Air National Guard and inserting the following:

"Air National Guard:

	Major	*Lieutenant Colonel*	*Colonel*
10,000	*763*	*745*	*333*
12,000	*915*	*923*	*377*
14,000	*1,065*	*1,057*	*402*
16,000	*1,211*	*1,185*	*426*
18,000	*1,347*	*1,313*	*450*
20,000	*1,463*	*1,440*	*468*
22,000	*1,606*	*1,569*	*494*
24,000	*1,739*	*1,697*	*517*
26,000	*1,872*	*1,825*	*539*
28,000	*2,005*	*1,954*	*562*
30,000	*2,138*	*2,082*	*585*
32,000	*2,271*	*2,210*	*608*
34,000	*2,404*	*2,338*	*630*
36,000	*2,537*	*2,466*	*653*
38,000	*2,670*	*2,595*	*676*
40,000	*2,803*	*2,723*	*698".*

(b) STRENGTH AND GRADE AUTHORIZATIONS.—Section 12012(a) of title 10, United States Code is amended by striking those parts of the table pertaining to the Air National Guard and inserting the following:

"Air National Guard:

	E-8	*E-9*
10,000	*1,350*	*550*
12,000	*1,466*	*594*
14,000	*1,582*	*636*
16,000	*1,698*	*676*
18,000	*1,814*	*714*
20,000	*1,930*	*752*
22,000	*2,046*	*790*
24,000	*2,162*	*828*
26,000	*2,278*	*866*
28,000	*2,394*	*904*
30,000	*2,510*	*942*
32,000	*2,626*	*980*
34,000	*2,742*	*1,018*
36,000	*2,858*	*1,056*
38,000	*2,974*	*1,094*
40,000	*3,090*	*1,132".*

SEC. 513. NATIONAL GUARD PROMOTION ACCOUNTABILITY.

(a) SHORT TITLE.—This section may be cited as the "National Guard Promotion Accountability Act".

(b) DATE OF RANK OF COMMISSIONED NATIONAL GUARD OFFICERS PROMOTED TO A HIGHER GRADE.—

(1) IN GENERAL.—Section 14308(f) of title 10, United States Code, is amended—

(A) by inserting "(1)" before "The effective date";

(B) in paragraph (1), as designated by subparagraph (A) of this paragraph, by striking "on which such Federal recognition in that grade

is so extended" and inserting "of the approval of the promotion of the officer to that grade by the State concerned"; and

(C) by adding at the end the following new paragraph:

"(2)(A) Notwithstanding subsection (c)(1), the date of rank in a higher grade of an officer whose effective date of promotion to such grade is governed by paragraph (1) shall be such effective date of promotion.

"(B) The specification of the date of rank of an officer in a grade pursuant to subparagraph (A) shall be deemed an adjustment of the date of rank of the officer to that grade in the manner of section 741(d)(4) of this title, pursuant to subsection (c)(2), to which section 741(d)(4)(C) of this title shall apply, notwithstanding subsection (c)(3).".

(2) EFFECTIVE DATE.—The amendments made by paragraph (1) shall take effect on the date of the enactment of this Act, and shall apply with respect to National Guard officers whose promotion to a grade is approved by a State after that date.

(c) NOTICE TO CONGRESS ON DELAY IN PUBLICATION OF SCROLLS INDICATING PROMOTION OF COMMISSIONED NATIONAL GUARD OFFICERS.—

(1) NOTICE REQUIRED.—If at the end of the 200-day period beginning on the receipt by the Depart-

ment of the Army or the Department of the Air Force of a scroll indicating the promotion of commissioned officers in the Army National Guard or Air National Guard, as applicable, the scroll has not been published by the military department concerned, the Secretary of the Army or the Secretary of the Air Force, as the case may be, shall immediately notify the congressional defense committees, in writing, of the following:

(A) The date on which the scroll was so received.

(B) A description of the processing of the scroll by the military department concerned as of the date of the report, including a statement of the length of time in processing at each stage in the process through that date.

(C) The reason why the scroll was not published within 200 days of receipt, and the intended remediation for the delay in publication.

(2) DEFINITIONS.—In this subsection:

(A) The term "congressional defense committees" has the meaning given such term in section 101(a)(16) of title 10, United States Code.

(B) The term "scroll" has the meaning given that term in Department of Defense In-

struction 1310.02, and any successor instruction or document.

SEC. 514. EXTENSION OF AUTHORITY FOR PILOT PROGRAM ON USE OF RETIRED SENIOR ENLISTED MEMBERS OF THE ARMY NATIONAL GUARD AS ARMY NATIONAL GUARD RECRUITERS.

Section 514 of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115-91) is amended—

(1) in subsection (d), by striking "2020" and inserting "2021"; and

(2) in subsection (f), by striking "2019" and inserting "2020".

Subtitle C—General Service Authorities and Correction of Military Records

SEC. 521. ENLISTMENTS VITAL TO THE NATIONAL INTEREST.

(a) IN GENERAL.—Section 504(b) of title 10, United States Code, is amended—

(1) in paragraph (2)—

(A) by inserting "and subject to paragraph (3)," after "Notwithstanding paragraph (1),";

(B) by striking "enlistment is vital to the national interest." and inserting "person possesses a skill or expertise—"; and

(C) by adding at the end the following new subparagraphs:

"(A) that is vital to the national interest; and

"(B) that the person will use in daily duties as a member of the armed forces."; and

(2) by adding at the end the following new paragraph (3):

"(3)(A) No person who enlists under paragraph (2) may report to initial training until after the Secretary concerned has completed all required background investigations and security and suitability screening as determined by the Secretary of Defense regarding that person.

"(B) A Secretary concerned may not authorize more than 1,000 enlistments under paragraph (2) per military department in a calendar year until after—

"(i) the Secretary of Defense submits to Congress written notice of the intent of that Secretary concerned to authorize more than 1,000 such enlistments in a calendar year; and

"(ii) a period of 30 days has elapsed after the date on which Congress receives the notice.".

(b) REPORT.—

(1) IN GENERAL.—Not later than December 31, 2019, and annually thereafter for each of the subsequent four years, the Secretary concerned shall submit

a report to the Committees on Armed Services and the Judiciary of the Senate and the House of Representatives regarding persons who enter into enlistment contracts under section 504(b)(2) of title 10, United States Code, as amended by subsection (a).

(2) ELEMENTS.—Each report under this subsection shall include the following:

(A) The number of such persons who have entered into such contracts during the preceding calendar year.

(B) How many such persons have successfully completed background investigations and vetting procedures.

(C) How many such persons have begun initial training.

(D) The skills that are vital to the national interest that such persons possess.

SEC. 522. STATEMENT OF BENEFITS.

(a) IN GENERAL.—Chapter 58 of title 10, United States Code, is amended by adding at the end the following new section:

"§ 1155. Statement of benefits

"(a) BEFORE SEPARATION.—Not later than 30 days before a member retires, is released, is discharged, or otherwise separates from the armed forces (or as soon as is prac-

ticable in the case of an unanticipated separation), the Secretary concerned shall provide that member with a current assessment of all benefits to which that member is entitled under laws administered by—

"(1) the Secretary of Defense; and

"(2) the Secretary of Veterans Affairs.

"(b) ANNUAL STATEMENT FOR RESERVES.—Not less than once each year, the Secretary concerned shall provide each member of a reserve component with a current assessment of benefits described in subsection (a).".

(b) CLERICAL AMENDMENT.—The table of sections at the beginning of such chapter is amended by inserting after the item relating to section 1154 the following new item:

"1155. Statement of benefits.".

SEC. 523. MODIFICATION TO FORMS OF SUPPORT THAT MAY BE ACCEPTED IN SUPPORT OF THE MISSION OF THE DEFENSE POW/MIA ACCOUNTING AGENCY.

(a) PUBLIC-PRIVATE PARTNERSHIPS.—Subsection (a) of section 1501a of title 10, United States Code, is amended by adding at the end the following new sentence: "An employee of an entity outside the Government that has entered into a public-private partnership, cooperative agreement, or a grant arrangement with, or in direct support of, the designated Defense Agency under this section shall be considered to be an employee of the Federal Government by reason

of participation in such partnership, cooperative agreement, or grant, only for the purposes of section 552a of title 5 (relating to maintenance of records on individuals).".

(b) AUTHORITY TO ACCEPT GIFTS IN SUPPORT OF MISSION TO ACCOUNT FOR MISSING PERSONS FROM PAST CONFLICTS.—Such section is further amended—

(1) by redesignating subsections (e) and (f) as subsections (f) and (g), respectively;

(2) by inserting after subsection (d) the following new subsection (e):

"(e) ACCEPTANCE OF GIFTS.—

"(1) AUTHORITY TO ACCEPT.—Subject to subsection (f)(2), the Secretary may accept, hold, administer, spend, and use any gift of personal property, money, or services made on the condition that the gift be used for the purpose of facilitating accounting for missing persons pursuant to section 1501(a)(2)(C) of this title.

"(2) GIFT FUNDS.—Gifts and bequests of money accepted under this subsection shall be deposited in the Treasury in the Department of Defense General Gift Fund.

"(3) USE OF GIFTS.—Personal property and money accepted under this subsection may be used by the Secretary, and services accepted under this sub-

section may be performed, without further specific authorization in law.

"(4) EXPENSES OF TRANSFER.—The Secretary may pay all necessary expenses in connection with the conveyance or transfer of a gift accepted under this subsection.

"(5) EXPENSES OF CARE.—The Secretary may pay all reasonable and necessary expenses in connection with the care of a gift accepted under this subsection."; and

(3) by adding at the end of subsection (g), as redesignated by paragraph (1) of this subsection, the following new paragraph:

"(3) GIFT.—The term 'gift' includes a devise or bequest.".

(c) CONFORMING AMENDMENT.—Subsection (a) of such section is further amended by striking "subsection (e)(1)" and inserting "subsection (f)(1)".

SEC. 524. CORRECTION OF MILITARY RECORDS WEBSITE.

(a) IN GENERAL.—Section 1552(a)(5) of title 10, United States Code, is amended by striking the second sentence and inserting the following: "The Secretary shall also publish on such website a summary of each such decision, indexed by subject matter. The Secretary shall redact all

personally identifiable information from any such decision and summary.''

(b) EFFECTIVE DATE.—The amendments made by this section shall take effect on October 1, 2019.

SEC. 525. MODIFICATION OF DD FORM 214 TO INCLUDE EMAIL ADDRESSES.

(a) IN GENERAL.—The Secretary of Defense shall modify the Certificate of Release or Discharge from Active Duty (DD Form 214) by adding an entry block in which a member of the Armed Forces may provide one or more email addresses at which the member may be contacted after separation from active duty in the Armed Forces.

(b) DEADLINE.—The Secretary shall carry out subsection (a) not later than one year after the date of the enactment of this Act.

SEC. 526. PUBLIC AVAILABILITY OF REPORTS RELATED TO SENIOR LEADER MISCONDUCT.

(a) ESTABLISHMENT OF WEBSITE.—The Secretary of Defense and each Secretary of a military department shall make available on a public website of the Department of Defense all reports on substantiated investigations of misconduct completed by the Inspectors General of the Department and each military department regarding—

(1) an officer in the grade of O-7 or higher;

(2) an officer selected for promotion to grade O-7; or

(3) a civilian member of the Senior Executive Service.

(b) PUBLISHED REPORTS.—Each report under subsection (a) shall be—

(1) properly redacted;

(2) segregated from documents regarding ongoing investigations (including announcements);

(3) labelled with the name of subject of the investigation; and

(4) searchable by the name of subject of the investigation.

(c) DEADLINE.—The Secretary shall carry out this section not later than 90 days after the enactment of this Act.

SEC. 527. APPOINTMENT AND TRAINING OF PERSONNEL TO STAFF THE BOARD OF CORRECTIONS FOR MILITARY AND NAVAL RECORDS.

(a) IN GENERAL.—The Secretary of Defense, in consultation with the Service Secretaries and Joint Chiefs, shall provide for the appointment and training of qualified personnel to join the staff of the Boards of Corrections for Military and Naval Records.

(b) AUTHORIZATION OF APPROPRIATIONS.—There is authorized to be appropriated for the Department of Defense

a total of $3,000,000.00, in order to carry out the training required by subsection (a) and to provide related equipment and accommodations.

Subtitle D—Military Justice

SEC. 531. MINIMUM CONFINEMENT PERIOD REQUIRED FOR CONVICTION OF CERTAIN SEX-RELATED OFFENSES COMMITTED BY MEMBERS OF THE ARMED FORCES.

Section 856(b)(1) of title 10, United States Code (article 56(b)(1) of the Uniform Code of Military Justice), is amended by striking "such punishment must include, at a minimum, dismissal or dishonorable discharge, except as provided for in section 860 of this title (article 60)" and inserting "except as provided for in section 860 of this title (article 60), such punishment must include, at a minimum—"

"(A) dismissal or dishonorable discharge; and

"(B) confinement for two years.".

SEC. 532. PUNITIVE ARTICLE IN THE UNIFORM CODE OF MILITARY JUSTICE ON DOMESTIC VIOLENCE.

(a) IN GENERAL.—Subchapter X of chapter 47 of title 10, United States Code (the Uniform Code of Military Justice), is amended by inserting after the item relating to section 928 (article 128) the following new section (article):

"§ 928a. Art 128a. Domestic violence

"(a) DOMESTIC VIOLENCE.—Any person subject to this chapter who, unlawfully and with force or violence, attempts, offers to, or does intimidate, manipulate, humiliate, isolate, frighten, terrorize, coerce, threaten, blame, hurt, injure, or wound another person of whom the person is an intimate partner is guilty of domestic violence and shall be punished as a court-martial may direct.

"(b) AGGRAVATED DOMESTIC VIOLENCE.—Any person subject to this chapter who, in committing domestic violence, uses a weapon, means, or force in a manner likely to produce death or grievous bodily harm is guilty of aggravated domestic violence and shall be punished as a court-martial may direct.".

(b) CLERICAL AMENDMENT.—The table of sections at the beginning of subchapter X of chapter 47 of such title is amended by inserting after the item relating to section 928 (article 128) the following new item:

"928a. 128a. Domestic violence.".

SEC. 533. DEFENSE ADVISORY COMMITTEE ON INVESTIGATION, PROSECUTION, AND DEFENSE OF SEXUAL ASSAULT IN THE ARMED FORCES.

Section 546(c)(2) of the Carl Levin and Howard P. "Buck" McKeon National Defense Authorization Act for Fiscal Year 2015 (Public Law 113–291; 10 U.S.C. 1561 note) is amended by adding at the end the following new

sentence: "After a majority vote by the Advisory Committee and upon request of the Chair of the Advisory Committee, the Secretary of Defense shall provide to the Advisory Committee information the Secretary determines is relevant to the scope and mission of the Advisory Committee under this section.".

SEC. 534. MODIFICATION OF MILITARY RULES OF EVIDENCE TO EXCLUDE ADMISSIBILITY OF GENERAL MILITARY CHARACTER TOWARD PROBABILITY OF INNOCENCE IN ANY OFFENSE NOT STRICTLY RELATED TO PERFORMANCE OF MILITARY DUTIES.

(a) IN GENERAL.—Not later than 180 days after the date of the enactment of this Act, Rule 404(a) of the Military Rules of Evidence shall be amended to provide that the general military character of an accused is not admissible for the purpose of showing the probability of innocence of the accused for any offense under chapter 47 of title 10, United States Code (the Uniform Code of Military Justice), unless such offense is strictly and solely related to the performance of military duties.

(b) SPECIFICATION OF OFFENSES FOR WHICH ADMISSIBILITY ALLOWED.—

(1) IN GENERAL.—Each Secretary concerned shall specify, and may from time to time modify, the

offenses under chapter 47 of title 10, United States Code, for which the military character of members of the Armed Forces under the jurisdiction of such Secretary is admissible pursuant to subsection (a) as a result of such offense being strictly and solely related to the performance of military duties.

(2) APPROVAL OF PRESIDENT REQUIRED.—The specification of an offense pursuant to paragraph (1), and any modification of such specification, shall not be effective unless approved by the President.

(3) SECRETARY CONCERNED DEFINED.—In this subsection, the term "Secretary concerned" has the meaning given that term in section 101(a)(9) of title 10, United States Code.

SEC. 535. IMPROVED CRIME REPORTING.

(a) IN GENERAL.—The Secretary of Defense, in consultation with the secretaries of the military departments, shall establish a consolidated tracking process for the entire Department of Defense to ensure increased oversight of the timely submission of crime reporting data to the Federal Bureau of Investigation under section 922(g) of title 18, United States Code, and Department of Defense Instruction 5505.11, "Fingerprint Card and Final Disposition Report Submission Requirements". The tracking process shall, to the maximum extent possible, standardize and automate re-

porting and increase the ability of the Department to track such submissions.

(b) REPORT REQUIRED.—Not later than July 1, 2019, the Secretary of Defense shall submit a report to the Committees on Armed Services of the Senate and House of Representatives that details the tracking process.

SEC. 536. OVERSIGHT OF REGISTERED SEX OFFENDER MANAGEMENT PROGRAM.

(a) DESIGNATION OF OFFICIAL OR ENTITY.—The Secretary of Defense shall designate a single official or entity within the Office of the Secretary of Defense to serve as the official or entity (as the case may be) with principal responsibility in the Department of Defense for providing oversight of the registered sex offender management program of the Department.

(b) DUTIES.—The official or entity designated under subsection (a) shall—

(1) monitor compliance with Department of Defense Instruction 5525.20 and other relevant polices;

(2) compile data on members serving in the military departments who have been convicted of a qualifying sex offense, including data on the sex offender registration status of each such member;

(3) maintain statistics on the total number of active duty service members in each military depart-

ment who are required to register as sex offenders; and

(4) perform such other duties as the Secretary of Defense determines to be appropriate.

(c) BRIEFING REQUIRED.—Not later than June 1, 2019, the Secretary of Defense shall provide to the Committee on Armed Services of the House of Representatives a briefing on—

(1) the compliance of the military departments with the policies of the Department of Defense relating to registered sex offenders;

(2) the results of the data compilation described in subsection (b)(2); and

(3) any other matters the Secretary determines to be appropriate.

(d) MILITARY DEPARTMENTS DEFINED.—In this section, the term "military departments" has the meaning given that term in section 101(a)(8) of title 10, United States Code.

Subtitle E—Other Legal Matters

SEC. 541. SECURITY CLEARANCE REINVESTIGATION OF CERTAIN PERSONNEL WHO COMMIT CERTAIN OFFENSES.

Section 1564 of title 10, United States Code, is amended—

(1) by redesignating subsections (c), (d), (e), and (f) as subsection (d), (e), (f), and (g), respectively; and

(2) by inserting after subsection (b) the following new subsection (c):

"(c) REINVESTIGATION OF CERTAIN INDIVIDUALS.—(1) The Secretary of Defense shall conduct an investigation under subsection (a) of any individual described in paragraph (2) upon—

"(A) conviction of that individual by a court of competent jurisdiction for—

"(i) sexual assault;

"(ii) sexual harassment;

"(iii) fraud against the United States; or

"(iv) any other violation that the Secretary determines renders that individual susceptible to blackmail or raises serious concern regarding the ability of that individual to hold a security clearance; or

"(B) determination by a commanding officer that the individual has committed an offense described in subparagraph (A).

"(2) An individual described in this paragraph has a security clearance and is—

"(A) a flag officer;

"(B) a general officer; or

"(C) an employee of the Department of Defense in the Senior Executive Service.

"(3) The Secretary shall conduct an investigation under this subsection of an individual described in paragraph (2) regardless of whether that individual has retired or resigned, is discharged or released, or otherwise separated from the armed forces or Department of Defense.

"(4) In this subsection:

"(A) The term 'sexual assault' includes rape, sexual assault, forcible sodomy, aggravated sexual contact, abusive sexual contact, and attempts to commit such offenses, as those terms are defined in the Uniform Code of Military Justice.

"(B) The term 'sexual harassment' has the meaning given that term in section 1561 of this title.

"(C) The term 'fraud against the United States' means a violation of section 932 of this title (Article 132 of the Uniform Code of Military Justice).".

SEC. 542. CONSIDERATION OF APPLICATION FOR TRANSFER FOR A STUDENT OF A MILITARY SERVICE ACADEMY WHO IS THE VICTIM OF A SEXUAL ASSAULT OR RELATED OFFENSE.

(a) MILITARY ACADEMY.—Section 4361 of title 10, United States Code, is amended by adding at the end the following new subsection (e):

"(e) CONSIDERATION OF APPLICATION FOR TRANSFER FOR A CADET WHO IS THE VICTIM OF A SEXUAL ASSAULT OR RELATED OFFENSE.—(1) The Secretary of the Army shall provide for timely determination and action on an application for consideration of a transfer to another military service academy submitted by a cadet who was a victim of a sexual assault or other offense covered by section 920, 920a, or 920c of this title (article 120, 120a, or 120c of the Uniform Code of Military Justice) so as to reduce the possibility of retaliation against the cadet for reporting the sexual assault or other offense.

"(2) The Secretary of the Army shall prescribe regulations to carry out this subsection, within guidelines provided by the Secretary of Defense that direct the Superintendent of the Military Academy, in coordination with the Superintendent of the military service academy to which the cadet wishes to transfer, to approve or deny an application under this subsection not later than 72 hours after the submission of the application. If the Super-

intendent denies such an application, the cadet may request review of the denial by the Secretary of the Army, who shall grant or deny review not later than 72 hours after submission of the request for review.".

(b) NAVAL ACADEMY.—Section 6980 of title 10, United States Code, is amended by adding at the end the following new subsection (e):

"(e) CONSIDERATION OF APPLICATION FOR TRANSFER FOR A MIDSHIPMAN WHO IS THE VICTIM OF A SEXUAL ASSAULT OR RELATED OFFENSE.—(1) The Secretary of the Navy shall provide for timely determination and action on an application for consideration of a transfer to another military service academy submitted by a midshipman who was a victim of a sexual assault or other offense covered by section 920, 920a, or 920c of this title (article 120, 120a, or 120c of the Uniform Code of Military Justice) so as to reduce the possibility of retaliation against the midshipman for reporting the sexual assault or other offense.

"(2) The Secretary of the Navy shall prescribe regulations to carry out this subsection, within guidelines provided by the Secretary of Defense that direct the Superintendent of the Naval Academy, in coordination with the Superintendent of the military service academy to which the midshipman wishes to transfer, to approve or deny an application under this subsection not later than 72 hours

after the submission of the application. If the Superintendent denies such an application, the midshipman may request review of the denial by the Secretary of the Navy, who shall grant or deny review not later than 72 hours after submission of the request for review.".

(c) AIR FORCE ACADEMY.—Section 9361 of title 10, United States Code, is amended by adding at the end the following new subsection (e):

"(e) CONSIDERATION OF APPLICATION FOR TRANSFER FOR A CADET WHO IS THE VICTIM OF A SEXUAL ASSAULT OR RELATED OFFENSE.—(1) The Secretary of the Air Force shall provide for timely determination and action on an application for consideration of a transfer to another military service academy submitted by a cadet who was a victim of a sexual assault or other offense covered by section 920, 920a, or 920c of this title (article 120, 120a, or 120c of the Uniform Code of Military Justice) so as to reduce the possibility of retaliation against the cadet for reporting the sexual assault or other offense.

"(2) The Secretary of the Air Force shall prescribe regulations to carry out this subsection, within guidelines provided by the Secretary of Defense that direct the Superintendent of the Air Force Academy, in coordination with the Superintendent of the military service academy to which the cadet wishes to transfer, to approve or deny an

application under this subsection not later than 72 hours after the submission of the application. If the Superintendent denies such an application, the cadet may request review of the denial by the Secretary of the Air Force, who shall grant or deny review not later than 72 hours after submission of the request for review.".

SEC. 543. STANDARDIZATION OF POLICIES RELATED TO EXPEDITED TRANSFER IN CASES OF SEXUAL ASSAULT.

(a) POLICIES FOR MEMBERS.—The Secretary of Defense shall modify all policies related to the expedited transfer of a member of the Army, Navy, Air Force, or Marine Corps who is the victim of sexual assault (regardless of whether the case is handled under the Sexual Assault Prevention and Response Program or Family Advocacy Program) that the Secretary determines necessary to establish a standardized expedited transfer process for such members, consistent with section 673 of title 10, United States Code.

(b) POLICIES FOR DEPENDENTS OF MEMBERS.—The Secretary of Defense shall establish a policy to allow the transfer of a member of the Army, Navy, Air Force, or Marine Corps whose dependent is the victim of sexual assault perpetrated by a member of the Armed Forces who is not related to the victim.

SEC. 544. DEVELOPMENT OF OVERSIGHT PLAN FOR IMPLEMENTATION OF DEPARTMENT OF DEFENSE HARASSMENT PREVENTION AND RESPONSE POLICY.

(a) DEVELOPMENT.—The Secretary of Defense shall develop a plan for overseeing the implementation of the instruction titled "Harassment Prevention and Response in the Armed Forces", published on February 8, 2018 (DODI–1020.03).

(b) ELEMENTS.—The plan under subsection (a) shall require the military services and other components of the Department of Defense to take steps by certain dates to implement harassment prevention and response programs under such instruction, including no less than the following:

(1) Submitting implementation plans to the Director, Force Resiliency.

(2) Incorporating results-oriented performance measures that assess the effectiveness of harassment prevention and response programs.

(3) Adopting compliance standards for promoting, supporting, and enforcing policies, plans, and programs.

(4) Tracking, collecting, and reporting data and information on sexual harassment incidents based on standards established by the Secretary.

(5) Instituting anonymous complaint mechanisms.

(c) REPORT.—Not later than July 1, 2019, the Secretary shall submit to the Committees on Armed Services of the Senate and the House of Representatives a report on the oversight plan developed under this section. The report shall include, for each military service and component of the Department of Defense, the implementation status of each element of the oversight plan.

SEC. 545. DEVELOPMENT OF RESOURCE GUIDES REGARDING SEXUAL ASSAULT FOR THE MILITARY SERVICE ACADEMIES.

(a) DEVELOPMENT.—Not later than 30 days after the date of the enactment of this Act, each Superintendent of a military service academy shall develop and maintain a resource guide for students at the respective military service academies regarding sexual assault.

(b) ELEMENTS.—Each guide developed under this section shall include the following information with regards to the relevant military service academy:

(1) PROCESS OVERVIEW AND DEFINITIONS.—

(A) A clear explanation of prohibited conduct, including examples.

(B) A clear explanation of consent.

(C) Victims' rights.

(D) Clearly described complaint process, including multiple ways to file a complaint.

(E) Explanations of restricted and unrestricted reporting.

(F) List of mandatory reporters.

(G) Protections from retaliation.

(H) Assurance that leadership will take immediate and proportionate corrective action.

(I) References to specific policies.

(J) Additional resources for survivors.

(2) EMERGENCY SERVICES.—

(A) Contact information.

(B) Location.

(3) SUPPORT AND COUNSELING.—Contact information for the following support and counseling resources:

(A) The Sexual Assault Prevention and Response Victim Advocate or other equivalent advocate or counselor available to students in cases of sexual assault.

(B) The Sexual Harassment/Assault Response and Prevention Resource Program Center.

(C) Peer counseling.

(D) Medical care.

(E) Legal counsel.

(F) Hotlines.

(G) Chaplain or other spiritual representatives.

(4) ESCALATION.—

(A) A victim may report an incident to any authority.

(B) A victim may consult any authority named in this paragraph.

(C) The Superintendent determines the outcome of an investigation and has the authority to convene a court-martial after an initial hearing.

(D) The Secretary of the military department concerned reviews determinations in cases not referred for trial by court-martial.

(E) The Inspector General reviews cases of reprisal or professional retaliation.

(F) A Member of Congress (as that term is defined in section 1563 of title 10, United States Code).

(c) DISTRIBUTION.—Each Superintendent shall provide a copy of the current guide developed by that Superintendent under this section—

(1) not later than 30 days after completing development under subsection (a) to each student who is

enrolled at the military service academy of that Superintendent on the date of the enactment of this Act;

(2) at the beginning of each academic year after the date of the enactment of this Act to each student who enrolls at the military service academy of that Superintendent; and

(3) as soon as practicable to a student at the military service academy of that Superintendent reports that such student is a victim of sexual assault.

SEC. 546. REPORT ON VICTIMS IN MCIO REPORTS.

Not later than September 30, 2019, and not less than once every two years thereafter, the Secretary of Defense, through the Defense Advisory Committee on Investigations, Prosecutions, and Defense of Sexual Assault in the Armed Forces, shall submit to Congress a report regarding the frequency at which individuals, who are identified as victims of sexual offenses in case files of military criminal investigative organizations (hereinafter, "MCIO"), are accused of or punished for misconduct or crimes considered collateral to the investigation of sexual assault during the MCIO investigations in which the individuals were so identified.

Subtitle F—Member Education, Training, Resilience, and Transition

SEC. 551. PERMANENT CAREER INTERMISSION PROGRAM.

(a) CODIFICATION AND PERMANENT AUTHORITY.—Chapter 40 of title 10, United States Code, is amended by adding at the end the following new section 710:

"§ 710. Career flexibility to enhance retention of members

"(a) PROGRAMS AUTHORIZED.—Each Secretary of a military department may carry out programs under which members of the regular components and members on Active Guard and Reserve duty of the armed forces under the jurisdiction of such Secretary may be inactivated from active service in order to meet personal or professional needs and returned to active service at the end of such period of inactivation from active service.

"(b) PERIOD OF INACTIVATION FROM ACTIVE SERVICE; EFFECT OF INACTIVATION.—(1) The period of inactivation from active service under a program under this section of a member participating in the program shall be such period as the Secretary of the military department concerned shall specify in the agreement of the member under subsection (c), except that such period may not exceed three years.

"(2) Any service by a Reserve officer while participating in a program under this section shall be excluded from computation of the total years of service of that officer pursuant to section 14706(a) of this title.

"(3) Any period of participation of a member in a program under this section shall not count toward—

"(A) eligibility for retirement or transfer to the Ready Reserve under either chapter 571 or 1223 of this title; or

"(B) computation of retired or retainer pay under chapter 71 or 1223 of this title.

"(c) AGREEMENT.—Each member of the armed forces who participates in a program under this section shall enter into a written agreement with the Secretary of the military department concerned under which agreement that member shall agree as follows:

"(1) To accept an appointment or enlist, as applicable, and serve in the Ready Reserve of the armed force concerned during the period of the inactivation of the member from active service under the program.

"(2) To undergo during the period of the inactivation of the member from active service under the program such inactive service training as the Secretary concerned shall require in order to ensure that the member retains proficiency, at a level determined

by the Secretary concerned to be sufficient, in the military skills, professional qualifications, and physical readiness of the member during the inactivation of the member from active service.

"(3) Following completion of the period of the inactivation of the member from active service under the program, to serve two months as a member of the armed forces on active service for each month of the period of the inactivation of the member from active service under the program.

"(d) CONDITIONS OF RELEASE.—The Secretary of Defense shall prescribe regulations specifying the guidelines regarding the conditions of release that must be considered and addressed in the agreement required by subsection (c). At a minimum, the Secretary shall prescribe the procedures and standards to be used to instruct a member on the obligations to be assumed by the member under paragraph (2) of such subsection while the member is released from active service.

"(e) ORDER TO ACTIVE SERVICE.—Under regulations prescribed by the Secretary of the military department concerned, a member of the armed forces participating in a program under this section may, in the discretion of such Secretary, be required to terminate participation in the program and be ordered to active service.

"(f) PAY AND ALLOWANCES.—(1) During each month of participation in a program under this section, a member who participates in the program shall be paid basic pay in an amount equal to two-thirtieths of the amount of monthly basic pay to which the member would otherwise be entitled under section 204 of title 37 as a member of the uniformed services on active service in the grade and years of service of the member when the member commences participation in the program.

"(2)(A) A member who participates in a program shall not, while participating in the program, be paid any special or incentive pay or bonus to which the member is otherwise entitled under an agreement under chapter 5 of title 37 that is in force when the member commences participation in the program.

"(B) The inactivation from active service of a member participating in a program shall not be treated as a failure of the member to perform any period of service required of the member in connection with an agreement for a special or incentive pay or bonus under chapter 5 of title 37 that is in force when the member commences participation in the program.

"(3)(A) Subject to subparagraph (B), upon the return of a member to active service after completion by the member of participation in a program—

"(i) any agreement entered into by the member under chapter 5 of title 37 for the payment of a special or incentive pay or bonus that was in force when the member commenced participation in the program shall be revived, with the term of such agreement after revival being the period of the agreement remaining to run when the member commenced participation in the program; and

"(ii) any special or incentive pay or bonus shall be payable to the member in accordance with the terms of the agreement concerned for the term specified in clause (i).

"(B)(i) Subparagraph (A) shall not apply to any special or incentive pay or bonus otherwise covered by that subparagraph with respect to a member if, at the time of the return of the member to active service as described in that subparagraph—

"(I) such pay or bonus is no longer authorized by law; or

"(II) the member does not satisfy eligibility criteria for such pay or bonus as in effect at the time of the return of the member to active service.

"(ii) Subparagraph (A) shall cease to apply to any special or incentive pay or bonus otherwise covered by that subparagraph with respect to a member if, during the term

of the revived agreement of the member under subparagraph (A)(i), such pay or bonus ceases being authorized by law.

"(C) A member who is ineligible for payment of a special or incentive pay or bonus otherwise covered by this paragraph by reason of subparagraph (B)(i)(II) shall be subject to the requirements for repayment of such pay or bonus in accordance with the terms of the applicable agreement of the member under chapter 5 of title 37.

"(D) Any service required of a member under an agreement covered by this paragraph after the member returns to active service as described in subparagraph (A) shall be in addition to any service required of the member under an agreement under subsection (c).

"(4)(A) Subject to subparagraph (B), a member who participates in a program is entitled, while participating in the program, to the travel and transportation allowances authorized by section 474 of title 37 for—

"(i) travel performed from the residence of the member, at the time of release from active service to participate in the program, to the location in the United States designated by the member as his residence during the period of participation in the program; and

"(ii) travel performed to the residence of the member upon return to active service at the end of the participation of the member in the program.

"(B) An allowance is payable under this paragraph only with respect to travel of a member to and from a single residence.

"(5) A member who participates in a program is entitled to carry forward the leave balance existing as of the day on which the member begins participation and accumulated in accordance with section 701 of this title, but not to exceed 60 days.

"(g) PROMOTION.—(1)(A) An officer participating in a program under this section shall not, while participating in the program, be eligible for consideration for promotion under chapter 36 or 1405 of this title.

"(B) Upon the return of an officer to active service after completion by the officer of participation in a program—

"(i) the Secretary of the military department concerned shall adjust the date of rank of the officer in such manner as the Secretary of Defense shall prescribe in regulations for purposes of this section; and

"(ii) the officer shall be eligible for consideration for promotion when officers of the same competitive

category, grade, and seniority are eligible for consideration for promotion.

"(2) An enlisted member participating in a program shall not be eligible for consideration for promotion during the period that—

"(A) begins on the date of the inactivation of the member from active service under the program; and

"(B) ends at such time after the return of the member to active service under the program that the member is treatable as eligible for promotion by reason of time in grade and such other requirements as the Secretary of the military department concerned shall prescribe in regulations for purposes of the program.

"(h) CONTINUED ENTITLEMENTS.—A member participating in a program under this section shall, while participating in the program, be treated as a member of the armed forces on active duty for a period of more than 30 days for purposes of—

"(1) the entitlement of the member and of the dependents of the member to medical and dental care under the provisions of chapter 55 of this title; and

"(2) retirement or separation for physical disability under the provisions of chapters 55 and 61 of this title.".

(b) TECHNICAL AND CONFORMING AMENDMENTS.—

(1) TABLE OF SECTIONS.—The table of sections at the beginning of such chapter is amended by inserting after the item relating to section 709a the following new item:

710. Career flexibility to enhance retention of members.

(2) CONFORMING REPEAL.—Section 533 of the Duncan Hunter National Defense Authorization Act for Fiscal Year 2009 (10 U.S.C. prec. 701 note) is repealed.

SEC. 552. IMPROVEMENTS TO TRANSITION ASSISTANCE PROGRAM.

(a) PATHWAYS FOR TAP.—

(1) IN GENERAL.—Section 1142 of title 10, United States Code, is amended—

*(A) in the section heading by striking "**medical**" and inserting "**certain**";*

(B) in subsection (a)—

(i) in paragraph (1), by inserting "(regardless of character of discharge)" after "discharge";

(ii) in paragraph (3)(A)—

(I) by striking "as soon as possible during the 12-month period preceding" and inserting "not later than 365 days before";

(II) by striking "90 days" and inserting "365 days"; and

(III) by striking "discharge or release" and inserting "retirement or other separation"; and

(iii) in paragraph (3)(B)—

(I) by striking "90" and inserting "365"; and

(II) by striking "90-day" and inserting "365-day";

(C) by redesignating subsection (c) as subsection (d);

(D) by inserting after subsection (b) the following new subsection (c):

"(c) COUNSELING PATHWAYS.—(1) Each Secretary concerned, in consultation with the Secretaries of Labor and Veterans Affairs, shall establish at least three pathways for members of the military department concerned receiving individualized counseling under this section. The Secretaries shall design the pathways to address the needs of members, based on the following factors:

"(A) Rank.

"(B) Term of service.

"(C) Gender.

"(D) Whether the member was a member of a regular or reserve component of an armed force.

"(E) Disability.

"(F) Character of discharge (including expedited discharge and discharge under conditions other than honorable).

"(G) Health (including mental health).

"(H) Military occupational specialty.

"(I) Whether the member intends, after separation, retirement, or discharge, to—

"(i) seek employment;

"(ii) enroll in a program of higher education;

"(iii) enroll in a program of vocational training; or

"(iv) become an entrepreneur.

"(J) The educational history of the member.

"(K) The employment history of the member.

"(L) Whether the member has secured—

"(i) employment;

"(ii) enrollment in a program of education; or

"(iii) enrollment in a program of vocational training.

"(M) Other factors the Secretary of Defense and the Secretary of Homeland Security, in consultation with the Secretaries of Labor and Veterans Affairs, determine appropriate.

"(2) Each member described in subsection (a) shall meet in person or by video conference with a counselor before beginning counseling under this section to—

"(A) take a self-assessment designed by the Secretary concerned (in consultation with the Secretaries of Labor and Veterans Affairs) to ensure that the Secretary concerned places the member in the appropriate pathway under this subsection; and

"(B) receive information from the counselor regarding reenlistment in the armed forces; and

"(C) receive information from the counselor regarding resources—

"(i) for members of the armed forces separated, retired, or discharged;

"(ii) located in the community in which the member will reside after separation, retirement, or discharge.

"(3) At the meeting under paragraph (2), the member may elect to have the Secretary concerned (in consultation

with the Secretaries of Labor and Veterans Affairs) provide the contact information of the member to the resources described in paragraph (2)(B).''; and

(E) by adding at the end the following new subsection:

''(e) JOINT SERVICE TRANSCRIPT.—(1) The Secretary concerned shall provide a copy of the joint service transcript of a member described in subsection (a) to—

''(A) that member—

''(i) at the meeting with a counselor under subsection (c)(2); and

''(ii) on the day the member separates, retires, or is discharged.

''(B) the Secretary of Veterans Affairs on the day the member separates, retires, or is discharged.

''(2) The Secretary of Veterans Affairs shall ensure that a member who has separated, retired, or is discharged may access the joint service transcript of that member from a website of the Department of Veterans Affairs not later than one year after the day the member separates, retires, or is discharged.''.

(2) DEADLINE.—Each Secretary concerned shall carry out subsection (c) of such section, as amended by paragraph (1), not later than one year after the date of the enactment of this Act.

(3) GAO STUDY.—Not later than one year after the Secretaries concerned carry out subsection (c) of such section, as amended by paragraph (1), the Comptroller General of the United States shall submit to Congress a review of the pathways for the Transition Assistance Program established under such subsection (c).

(b) CONTENTS OF TAP.—

(1) IN GENERAL.—Section 1144 of title 10, United States Code, is amended—

(A) in subsection (a), by striking "Such services" and inserting "Subject to subsection (f)(2), such services"; and

(B) by amending subsection (f) to read as follows:

"(f) PROGRAM CONTENTS.—(1) The program carried out under this section shall consist of instruction as follows:

"(A) One day of preseparation training specific to the armed force concerned, as determined by the Secretary concerned.

"(B) One day of instruction regarding—

"(i) benefits under laws administered by the Secretary of Veterans Affairs; and

"(ii) other subjects determined by the Secretary concerned.

"(C) One day of instruction regarding preparation for employment.

"(D) Two days of instruction regarding a topic selected by the member from the following subjects:

"(i) Preparation for employment.

"(ii) Preparation for education.

"(iii) Preparation for vocational training.

"(iv) Preparation for entrepreneurship.

"(v) Other options determined by the Secretary concerned.

"(2) The Secretary concerned may permit a member to attend training and instruction under the program established under this section—

"(A) before the time periods established under section 1142(a)(3) of this title;

"(B) in addition to such training and instruction required during such time periods.".

(2) DEADLINE.—The Transition Assistance Program shall comply with the requirements of section 1144(f) of title 10, United States Code, as amended by paragraph (1), not later than one year after the date of the enactment of this Act.

(3) ACTION PLAN.—Not later than 120 days after the date of the enactment of this Act, the Secretary of Defense shall submit an action plan to the congressional defense committees that—

(A) details how the Secretary shall implement the requirements of section 1144(f) of title 10, United States Code, as amended by paragraph (1); and

(B) details how the Secretary, in consultation with the Secretaries of Veterans Affairs and Labor, shall establish standardized performance metrics to measure Transition Assistance Program participation and outcome-based objective benchmarks in order to—

(i) provide feedback to the Departments of Defense, Veterans Affairs, and Labor;

(ii) improve the curriculum of the Transition Assistance Program;

(iii) share best practices; and

(iv) facilitate effective oversight of the Transition Assistance Program.

(4) REPORT.—On the date that is two years after the date of the enactment of this Act and annually thereafter for the subsequent four years, the Secretary of Defense shall submit to the Committees on

Armed Services and Veterans' Affairs of the Senate and the House of Representatives, the Committee on Commerce, Science, and Transportation of the Senate, and the Committee on Transportation and Infrastructure of the House of Representatives, a report regarding members of the Armed Forces who have attended Transition Assistance Program counseling during the preceding year. The report shall detail the following:

(A) The total number of members who attended Transition Assistance Program counseling.

(B) The number of members who attended Transition Assistance Program counseling under paragraph (1) of section 1144(f) of title 10, as amended by paragraph (1).

(C) The number of members who attended Transition Assistance Program counseling under paragraph (2) of such section.

(D) The number of members who elected to attend each two-day instruction under paragraph (1)(D) of such section.

SEC. 553. EMPLOYMENT AND COMPENSATION OF CIVILIAN FACULTY MEMBERS AT THE JOINT SPECIAL OPERATIONS UNIVERSITY.

Section 1595(c) of title 10, United States Code, is amended by adding at the end the following new paragraph:

"(5) The Joint Special Operations University.".

SEC. 554. PROGRAM TO ASSIST MEMBERS OF THE ARMED FORCES IN OBTAINING PROFESSIONAL CREDENTIALS.

Section 2015(a) of title 10, United States Code, is amended by striking "related to military training" and all that follows through the period at the end of paragraph (2) and inserting "that translate into civilian occupations.".

SEC. 555. EXTENSION OF PILOT PROGRAM TO ASSIST MEMBERS IN OBTAINING POST-SERVICE EMPLOYMENT.

Section 555(i) of the Carl Levin and Howard P. "Buck" McKeon National Defense Authorization Act for Fiscal Year 2015 (Public Law 113-291; 10 U.S.C. 1143 note) is amended by striking "2018" and inserting "2023".

SEC. 556. DIRECT EMPLOYMENT PILOT PROGRAM FOR MEMBERS OF THE RESERVE COMPONENTS AND VETERANS.

(a) AUTHORITY.—The Secretary of Defense may enter into agreements with the chief executives of the States to carry out pilot programs to enhance the efforts of the De-

partment of Defense to provide job placement assistance and related employment services directly to unemployed or underemployed members of the reserve components of the Armed Forces and veterans.

(b) COST-SHARING.—Any agreement under subsection (a) shall require that the State must contribute an amount, derived from non-Federal sources, that equals or exceeds 50 percent of the funds provided by the Secretary to the State under this section to support the operation of the pilot program in that State.

(c) ADMINISTRATION.—The pilot program in a State shall be administered by the adjutant general in that State appointed under section 314 of title 32, United States Code. If the adjutant general is unavailable or unable to administer a pilot program, the Secretary, after consulting with the chief executive of the State, shall designate an official of that State to administer that pilot program.

(d) PROGRAM MODEL.—A pilot program under this section—

(1) shall use a job placement program model that focuses on working one-on-one with individuals described in subsection (a) to provide cost-effective job placement services, including—

(A) job matching services;

(B) resume editing;

(C) interview preparation; and

(D) post-employment follow up; and

(2) shall incorporate best practices of State-operated direct employment programs for members of the reserve components of the Armed Forces and veterans, such as the programs conducted in California and South Carolina.

(e) SKILLBRIDGE TRAINING OPPORTUNITIES.—A pilot program under this section shall utilize civilian training opportunities through the SkillBridge transition training program administered by the Department of Defense.

(f) EVALUATION.—The Secretary shall develop outcome measurements to evaluate the success of any pilot program established under this provision.

(g) REPORTING.—

(1) REPORT REQUIRED.—Not later than March 1, 2021, the Secretary, in coordination with the Secretary of Veterans Affairs and Chief of the National Guard Bureau, shall submit to the congressional defense committees a report describing the results of any pilot program established under this section.

(2) ELEMENTS.—A report under paragraph (1) shall include the following elements:

(A) A description and assessment of the effectiveness and achievements of the pilot program, including—

(i) the number of members of the reserve components of the Armed Forces and veterans hired; and

(ii) the cost-per-placement of participating members and veterans.

(B) An assessment of the impact of the pilot program and increased reserve component employment levels on—

(i) the readiness of members of the reserve components of the Armed Forces; and

(ii) retention of service members.

(C) A comparison of the pilot program to other programs conducted by the Department of Defense or Department of Veterans Affairs to provide unemployment and underemployment support to members of the reserve components of the Armed Forces or veterans, including best practices the improved the effectiveness of such programs.

(D) Any other matter the Secretary determines to be appropriate.

(h) DURATION OF AUTHORITY.—

(1) IN GENERAL.—Subject to paragraph (2), the authority to carry out a pilot program under this section expires on September 30, 2023.

(2) EXTENSION.—The Secretary may extend a pilot program under this section beyond the date in paragraph (1) by not more than two years.

SEC. 557. EXTENDED DURATION OF AVAILABILITY OF MILITARY ONESOURCE PROGRAM SERVICES FOR MEMBERS OF THE ARMED FORCES UPON THEIR SEPARATION OR RETIREMENT.

The Secretary of Defense shall ensure that retired and honorably discharged members of the Armed Forces, including members medically discharged, separated, or on the temporary disability retirement list, and their immediate family remain eligible for services under the Military OneSource Program for at least one year after the end of the member's tour of service, the member's retirement date, or the member's separation date, as the case may be.

SEC. 558. COMPTROLLER GENERAL BRIEFING AND REPORT ON PERMANENT EMPLOYMENT ASSISTANCE CENTERS.

(a) REQUIREMENT.— Not later than 240 days after the date of the enactment of this Act, the Comptroller General of the United States shall provide a briefing to the Armed Services Committees of the Senate and House of

Representatives, with a report to follow on a date agreed to at the time of the briefing. The briefing and report shall provide information on employment assistance required under section 1143 of title 10, United States Code, and related information regarding civilian employment requiring certification or licensure.

(b) CONTENTS.—The information required under subsection (a) shall include the following:

(1) A description of the content of the database required by section 1143(a)(2)(A) of such title.

(2) A list and description of permanent employment assistance centers required by section 1143(b) of such title.

(3) A list and description of employment skills training programs and eligible members of the Armed Forces.

(4) A list and description of State and non-State entities that have interacted with civilian employers.

(5) A description of the use by members of the Armed Forces of the permanent employment assistance centers.

(6) An assessment of the permanent employment assistance centers and challenges, if any, the centers have experienced as of the date of the briefing or report.

SEC. 559. ACTIVITIES TO INCREASE AWARENESS OF APPRENTICESHIP PROGRAMS.

The Secretary of Defense shall ensure that, as part of the transition counseling provided by the Department of Defense to members of the Armed Forces who are in the process of separating from the Armed Forces (including the reserve components), information is provided to such members on—

(1) the potential benefits of apprenticeship programs;

(2) the appropriate use of veterans' education benefits to pay for apprenticeship programs, and

(3) the availability of veteran-focused, nonprofit apprenticeship programs.

Subtitle G—Defense Dependents' Education and Military Family Readiness Matters

SEC. 561. ENHANCEMENT AND CLARIFICATION OF FAMILY SUPPORT SERVICES FOR FAMILY MEMBERS OF MEMBERS OF SPECIAL OPERATIONS FORCES.

Section 1788a of title 10, United States Code, is amended—

(1) by striking "activities" each place it appears and inserting "services";

(2) in subsection (b)(2), by striking "activity" and inserting "service";

(3) in subsection (c), by striking "$5,000,000" and inserting "$10,000,000";

(4) in subsection (d)(1), by striking "thereafter" and inserting "of the next two years"; and

(5) in subsection (e), by adding at the end the following new paragraph:

"(4) The term 'family support services' includes costs of transportation, food, lodging, child care, supplies, fees, and training materials for immediate family members of members of the armed forces assigned to special operations forces while participating in programs under subsection (a).".

SEC. 562. ADDITIONAL MATTERS FOR ASSESSMENT AND REPORT ON CHILDCARE SERVICES OF THE DEPARTMENT OF DEFENSE.

Section 575 of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115-91) is amended—

(1) in subsection (a), by adding at the end the following new paragraphs:

"(5) Expanding the childcare hours at military installations that host initial training units in order to accommodate drill instructors, trainers, and support staff.

"(6) Modifying the rate of use of subsidized, off-installation childcare services by military families, including whether such rate could be increased by altering policies that cap the amount of subsidies for military families for such services based on the cost of living for families and the average cost of civilian childcare services.

"(7) Permitting the issuance of employee clearances on a provisional or interim basis for those working at military childcare centers."; and

(2) in subsection (b)—

(A) by striking "September 1, 2018" and inserting "March 1, 2019";

(B) by striking "the results of the assessment conducted under subsection (a)." and inserting an em dash; and

(C) by adding at the end the following new paragraphs:

"(1) the results of the assessment conducted under subsection (a); and

"(2) assessments of—

"(A) the underlying factors contributing to the childcare backlogs at many installations;

"(B) the effect of such backlogs on member recruitment and retention; and

"(C) the effect of such backlogs on military spouse unemployment and underemployment.".

SEC. 563. CONTINUED ASSISTANCE TO SCHOOLS WITH SIGNIFICANT NUMBERS OF MILITARY DEPENDENT STUDENTS.

(a) ASSISTANCE TO SCHOOLS WITH SIGNIFICANT NUMBERS OF MILITARY DEPENDENT STUDENTS.—Of the amount authorized to be appropriated for fiscal year 2019 in Division D of this Act and available for operation and maintenance for Defense-wide activities as specified in the funding table in Section 4301 of this Act, $40,000,000 shall be available only for the purpose of providing assistance to local educational agencies under subsection (a) of section 572 of the National Defense Authorization Act for Fiscal Year 2006 (Public Law 109-163; 20 U.S.C. 7703b).

(b) IMPACT AID FOR CHILDREN WITH SEVERE DISABILITIES.—Of the amount authorized to be appropriated for fiscal year 2019 in Division D of this Act and available for operation and maintenance for Defense-wide activities as specified in the funding table in Section 4301 of this Act, $10,000,000 shall be available for payments under section 363 of the Floyd D. Spence National Defense Authorization Act for Fiscal Year 2001 (Public Law 106-398; 20 U.S.C. 7703a).

(c) LOCAL EDUCATIONAL AGENCY DEFINED.—In this section, the term "local educational agency" has the meaning given that term in section 7013(9) of the Elementary and Secondary Education Act of 1965 (20 U.S.C. 7713(9)).

SEC. 564. DEPARTMENT OF DEFENSE EDUCATION ACTIVITY MISCONDUCT DATABASE.

(a) COMPREHENSIVE DATABASE.—The Secretary of Defense shall consolidate the various databases and mechanisms for the reporting and tracking of juvenile misconduct in Department of Defense Education Activity (hereinafter in this section referred to as "DODEA") schools into one comprehensive database for DODEA juvenile misconduct. The comprehensive database shall include, at a minimum, all reportable allegations of juvenile-on-juvenile sexual misconduct, regardless of the final disposition of the case.

(b) POLICY.—The Secretary shall establish a comprehensive policy regarding the reporting and tracking of juvenile misconduct cases occurring in DODEA schools, including policies establishing appropriate safeguards to prevent unauthorized disclosure of sensitive information contained in the comprehensive database required by subsection (a).

SEC. 565. REPORT ON ASSESSMENT OF FREQUENCY OF PERMANENT CHANGES OF STATION OF MEMBERS OF THE ARMED FORCES ON EMPLOYMENT AMONG MILITARY SPOUSES.

(a) IN GENERAL.—The Secretary of Defense shall submit to Congress a report setting forth an assessment of the effects of the frequency of permanent changes of station of members of the Armed Forces on stability of employment among military spouses.

(b) ELEMENTS.—The report under this section shall include the following:

(1) An assessment of the effects of the frequency of permanent changes of station of members of the Armed Forces on stability of employment among military spouses, including the contribution of frequent permanent changes of station to unemployment or underemployment among military spouses.

(2) An assessment of the effects of unemployment and underemployment among military spouses on force readiness.

(3) Such recommendations as the Secretary considers appropriate regarding legislative or administration action to achieve force readiness and stabilization through the minimization of the impacts of frequent permanent changes on stability of employment among military spouses.

Subtitle H—Decorations and Awards

SEC. 571. LIMITATIONS ON AUTHORITY TO REVOKE CERTAIN MILITARY DECORATIONS AWARDED TO MEMBERS OF THE ARMED FORCES.

(a) ARMY.—

(1) LIMITATIONS.—Chapter 357 of title 10, United States Code, is amended by adding at the end the following new section:

"§ 3757. Military decorations: limitations on revocation

"(a) LIMITATIONS.—Except as provided in subsection (b), the President or the Secretary of the Army may not authorize the revocation of a military decoration after the actual award of the military decoration to a member of the armed forces under the jurisdiction of the Secretary.

"(b) EXCEPTIONS.—(1) Subsection (a) does not apply to the revocation of a military decoration if the revocation is ordered on account of—

"(A) the acquisition of new or additional information that calls into question the service for which the member was awarded the military decoration; or

"(B) the conviction of the member for a felony.

"(2) In applying the exception described in paragraph (1)(B), the President and the Secretary of the Army shall

take into account, as an extenuating factor, whether the member has been diagnosed with traumatic brain injury or post-traumatic stress disorder.

"(c) MILITARY DECORATION DEFINED.—In this section, the term 'military decoration' means the distinguished-service cross, distinguished-service medal, silver star, distinguished flying cross, or Soldier's Medal. The term does not include the medal of honor.".

(2) CLERICAL AMENDMENT.—The table of sections at the beginning of such chapter is amended by adding at the end the following new item:

"3757. Military decorations: limitations on revocation.".

(b) NAVY AND MARINE CORPS.—

(1) LIMITATIONS.—Chapter 567 of title 10, United States Code, is amended by adding at the end the following new section:

"§ 6259. Military decorations: limitations on revocation

"(a) LIMITATIONS.—Except as provided in subsection (b), the President or the Secretary of the Navy may not authorize the revocation of a military decoration after the actual award of the military decoration to a member of the armed forces under the jurisdiction of the Secretary.

"(b) EXCEPTIONS.—(1) Subsection (a) does not apply to the revocation of a military decoration if the revocation is ordered on account of—

"(A) the acquisition of new or additional information that calls into question the service for which the member was awarded the military decoration; or

"(B) the conviction of the member for a felony.

"(2) In applying the exception described in paragraph (1)(B), the President and the Secretary of the Navy shall take into account, as an extenuating factor, whether the member has been diagnosed with traumatic brain injury or post-traumatic stress disorder.

"(c) MILITARY DECORATION DEFINED.—In this section, the term 'military decoration' means the Navy cross, distinguished-service medal, silver star medal, distinguished flying cross, or Navy and Marine Corps Medal. The term does not include the medal of honor.".

(2) CLERICAL AMENDMENT.—The table of sections at the beginning of such chapter is amended by adding at the end the following new item:

"6259. Military decorations: limitations on revocation.".

(c) AIR FORCE.—

(1) LIMITATIONS.—Chapter 857 of title 10, United States Code, is amended by adding at the end the following new section:

"§ 8757. Military decorations: limitations on revocation

"(a) LIMITATIONS.—Except as provided in subsection (b), the President or the Secretary of the Air Force may

not authorize the revocation of a military decoration after the actual award of the military decoration to a member of the armed forces under the jurisdiction of the Secretary.

"(b) EXCEPTIONS.—(1) Subsection (a) does not apply to the revocation of a military decoration if the revocation is ordered on account of—

"(A) the acquisition of new or additional information that calls into question the service for which the member was awarded the military decoration; or

"(B) the conviction of the member for a felony.

"(2) In applying the exception described in paragraph (1)(B), the President and the Secretary of the Air Force shall take into account, as an extenuating factor, whether the member has been diagnosed with traumatic brain injury or post-traumatic stress disorder.

"(c) MILITARY DECORATION DEFINED.—In this section, the term 'military decoration' means the Air Force cross, distinguished-service medal, silver star, distinguished flying cross, or Airman's Medal. The term does not include the medal of honor.".

(2) CLERICAL AMENDMENT.—The table of sections at the beginning of such chapter is amended by adding at the end the following new item:

"8757. Military decorations: limitations on revocation.".

SEC. 572. AUTHORIZATION FOR AWARD OF EXPEDITIONARY MEDAL TO CERTAIN MARINES FOR ACTIONS ON JUNE 8, 1995.

Notwithstanding any time limitation with respect to the awarding of certain medals to persons who served in the Armed Forces, the Secretary of Defense may award the Armed Forces Expeditionary Medal to a member or former member of the 24th Marine Expeditionary Unit, Special Operations Capable, for the mission to rescue Captain Scott O'Grady, United States Air Force, from Bosnia on June 8, 1995.

Subtitle I—Miscellaneous Reports and Other Matters

SEC. 581. PUBLIC AVAILABILITY OF TOP-LINE NUMBERS OF DEPLOYED MEMBERS OF THE ARMED FORCES.

(a) IN GENERAL.—Except as provided in subsection (b), the Secretary of Defense shall make publicly available the top-line numbers of members of the Armed Forces deployed for each country.

(b) WAIVER.—

(1) IN GENERAL.—The Secretary may waive the requirement under subsection (a) in the case of a sensitive military operation if—

(A) the Secretary determines the public disclosure of the number of deployed members of the

Armed Forces could reasonably be expected to provide an operational military advantage to an adversary; or

(B) members of the Armed Forces are deployed for a period that does not exceed 30 days.

(2) NOTICE.—If the Secretary issues a waiver under this subsection, the Secretary submit to the congressional defense committees a notice of the waiver and the reasons for the determination that led to the waiver.

(c) SENSITIVE MILITARY OPERATION DEFINED.—The term "sensitive military operation" has the meaning given that term in section 130f(d) of title 10, United States Code.

SEC. 582. CRITERIA FOR INTERMENT AT ARLINGTON NATIONAL CEMETERY.

(a) CRITERIA.—The Secretary of the Army, in consultation with the Secretary of Defense, shall prescribe revised criteria for interment at Arlington National Cemetery that preserve Arlington National Cemetery as an active burial ground "well into the future," as that term is used in the report submitted by the Secretary of the Army to the Committees on Veterans' Affairs and the Committees on Armed Services of the House of Representatives and the Senate, dated February 14, 2017, and titled "The Future

of Arlington National Cemetery: Report on the Cemetery's Interment and Inurnment Capacity 2017".

(b) DEADLINE.—The Secretary of the Army shall establish the criteria under subsection (a) not later than September 30, 2019.

SEC. 583. REPORT ON GENERAL AND FLAG OFFICER COSTS.

Not later than nine months after the date of the enactment of this Act, the Secretary of Defense shall submit to the congressional defense committees a report on general and flag officer costs. Such report shall include cost estimates for direct and indirect costs associated with general and flag officers generally and for specific positions in accordance with the recommendations of the Office of the Secretary of Defense-Cost Assessment and Program Evaluation report entitled "Defining General and Flag Officer Costs" dated December 2017, including—

(1) direct compensation for all general and flag officers and for specific general and flag officer positions, using the full cost of manpower model to estimate where possible;

(2) personal money allowances for positions that receive an allowance;

(3) deferred compensation and health care costs for all general and flag officers and for specific general and flag officer positions;

(4) costs associated with providing security details for specific general and flag officer positions that merit continuous security;

(5) costs associated with Government and commercial travel for general and flag officers who qualify for tier one or two travel, including commercial travel costs using defense travel sytstem data;

(6) general flag officer per diems for specific positions, based on average travel per diem costs;

(7) costs for enlisted and officer aide housing for general and flag officers generally and for specific general and flag officer positions, including basic housing assistance costs for staff;

(8) on a case-by-case basis, costs associated with enlisted and officer aide travel, taking into consideration the cost of data collection;

(9) costs associated with additional support staff for general and flag officers and their travel, equipment, and per diem costs for all general and flag officers and specific general and flag officer positions based on the average numbers per general or flag officer and estimations using the full cost of manpower model;

(10) costs associated with the upkeep and maintenance of official residences not captured by basic housing assistance; and

(11) costs associated with training for general and flag officers generally and specific general and flag officer positions using estimations from the full cost of manpower model.

SEC. 584. REPORT ON OUTSIDE EMPLOYMENT OF SENIOR PERSONNEL.

(a) REPORT REQUIRED.—Not later than 18 months after the date of the enactment of this Act, and annually thereafter, the Secretary of Defense shall submit a report to Congress on requests by senior personnel for approval of outside employment during the preceding fiscal year.

(b) ELEMENTS.—The report under this section shall contain the following regarding:

(1) The number of such requests.

(2) The number of such requests approved.

(3) The types of positions for which senior personnel made such requests.

(4) The range and average of the time commitment for such positions.

(5) The range and average of the compensation for such positions.

(6) Any ethical lapses or abuses by senior personnel in the course of employment pursuant to approved requests.

(c) SENIOR PERSONNEL DEFINED.—In this section, the term "senior personnel" means any of the following:

(1) An officer in the regular or reserve component of an armed force above the grade of O-6.

(2) An employee of the Department of Defense in the Senior Executive Service.

SEC. 585. LIMITATION ON USE OF FUNDS PENDING SUBMITTAL OF REPORT ON ARMY MARKETING AND ADVERTISING PROGRAM.

(a) REPORT REQUIRED.—

(1) IN GENERAL.—The Secretary of the Army shall submit to the Committees on Armed Services of the Senate and House of Representatives a report on the recommendations contained in the audit conducted by the Army Audit Agency of the Army's Marketing and Advertising Program concerning contract oversight and return on investment.

(2) CONTENTS.—The report required by paragraph (1) shall address each of the following:

(A) The mitigation and oversight measures implemented to assure improved program return and contract management including the estab-

lishment of specific goals to measure long-term effects of investments in marketing efforts.

(B) The establishment of a review process to regularly evaluate the effectiveness and efficiency of marketing efforts including efforts to better support the accessions missions of the Army.

(C) The increase of acquisition and marketing experience within the Army Marketing and Research Group (hereinafter in this section referred to as the "AMRG").

(D) A workforce analysis of AMRG in cooperation with the Office of Personnel Management and industry experts assessing the AMRG organizational structure, staffing, and training, including an assessment of the workplace climate and culture internal to the AMRG.

(E) The establishment of an Army Marketing and Advisory Board comprised of senior Army and marketing and advertising leaders and an assessment of industry and service marketing and advertising best practices including a plan to incorporate relevant practices.

(F) The status of the implementation of contracting practices recommended by the Army Audit Agency's audit of contracting oversight of

AMRG contained in Audit Report A-2018-0033-MTH.

(b) LIMITATION ON USE OF FUNDS.—Not more than 60 percent of the amounts authorized to be appropriated or otherwise made available in this Act for the AMRG for fiscal year 2019 for advertising and marketing activities may be obligated or expended until the Secretary of the Army submits the report required by subsection (a).

(c) COMPTROLLER GENERAL REVIEW.—Not later than 90 days after the date of the submittal of the report required by subsection (a), the Comptroller General of the United States shall conduct a review of the results and implementation of the recommendations of the Army Audit Agency Audits of the AMRG on contract oversight and return on investment. Such review shall include an assessment of the effects of the implementation of the recommendations on the AMRG leadership, workforce and business practices, and return on investment.

TITLE VI—COMPENSATION AND OTHER PERSONNEL BENEFITS

Subtitle A—Pay and Allowances

SEC. 601 . PROMPT REVIEW OF REQUEST FOR IMMINENT DANGER PAY.

Section 310(d)(1) of title 37, United States Code, is amended by adding at the end the following new sentence:

"The Secretary of Defense shall issue a determination regarding special pay under this section not later than 90 days after receiving a request for such determination from the commander of a geographic combatant command."

SEC. 602 . APPLICATION OF BASIC ALLOWANCE FOR HOUSING TO MEMBERS OF THE UNIFORMED SERVICES IN THE VIRGIN ISLANDS.

(a) IN GENERAL.—Section 403(b) of title 37, United States Code, is amended—

(1) in the heading, by inserting "AND THE VIRGIN ISLANDS" after "THE UNITED STATES";

(2) in paragraph (1), by inserting "and the Virgin Islands" after "the United States"; and

(3) in paragraphs (2), (3)(A), and (6), by inserting "or the Virgin Islands" after "the United States" each place it appears.

(b) CONFORMING AMENDMENTS.—Section 403(c) of title 37, United States Code, is amended—

(1) in the heading, by inserting "OR THE VIRGIN ISLANDS" after "THE UNITED STATES"; and

(2) in paragraphs (1), (2), (3)(A)(i), and (3)(B), by inserting "or the Virgin Islands" after "the United States" each place it appears.

(c) EFFECTIVE DATE.—The amendments made by this section shall take effect on the date of the enactment of this

Act and shall apply to payments under section 403 of title 37, United States Code, beginning on January 1, 2019.

SEC. 603 . MANDATORY INCREASE IN INSURANCE COVERAGE UNDER SERVICEMEMBERS' GROUP LIFE INSURANCE FOR MEMBERS DEPLOYED TO COMBAT THEATERS OF OPERATION.

Section 1967(a)(3) of title 38, United States Code, is amended—

(1) in subparagraph (A), by striking "subparagraphs (B) and (C)" and inserting "subparagraphs (B), (C), and (D)"; and

(2) by adding at the end the following new subparagraph:

"(D) In the case of a member who elects under paragraph (2)(A) not to be insured under this section, or who elects under subparagraph (B) to be insured for an amount less than the maximum amount provided under subparagraph (A), and who is deployed to a combat theater of operations the member—

"(i) shall be insured under this subchapter for the maximum amount provided under subparagraph (A) for the period of such deployment; and

"(ii) upon the end of such deployment—

"(I) shall be insured in the amount elected by the member under subparagraph (B); or

"(II) shall not be insured, if so elected under paragraph (2)(A)".

SEC. 604 . MILITARY HOUSING PRIVATIZATION INITIATIVE.

(a) PAYMENT AUTHORITY.—Each month beginning on the first month after the date of the enactment of this Act, the Secretary shall pay a lessor of covered housing 5 percent of the amount calculated under section 403(b)(3)(A)(i) of title 37, United States Code, for the area in which the covered housing exists. Any such payment shall be in addition to any other payment made by the Secretary to that lessor.

(b) PLAN FOR MHPI HOUSING.—Not later than December 1, 2018, the Secretary shall submit to the congressional defense committees a long-range plan to develop measures to consistently address the future sustainment, recapitalization, and financial condition of MHPI housing. The plan shall include—

(1) efforts to mitigate the losses incurred by MHPI housing projects because of the reductions to BAH under section 603 of the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114-92; 37 U.S.C. 403(b)(3)(B)); and

(2) a full assessment of the effects of such reductions (in relation to calculations of market rates for rent and utilities) on the financial condition of MHPI housing.

(c) REPORTING.—The Secretary shall direct the Assistant Secretary of Defense for Energy, Installations, and Environment to take the following steps regarding reports under section 2884(c) of title 10, United States Code:

(1) Provide additional contextual information on MHPI housing to identify any differences in the calculation of debt coverage ratios and any effect of such differences on their comparability.

(2) Immediately resume issuing such reports on the financial condition of MHPI housing.

(3) Revise Department of Defense guidance on MHPI housing—

(A) to ensure that relevant financial data (such as debt coverage ratios) in such reports are consistent and comparable in terms of the time periods of the data collected;

(B) to include a requirement that the secretary of each military department includes measures of future sustainment into each assessments of MHPI housing projects; and

(C) to require the secretary of each military department to define risk tolerance regarding the future sustainability of MHPI housing projects.

(4) Report financial information on future sustainment of each MHPI housing project in such reports.

(5) Provide Department of Defense guidance to the secretaries of the military departments to—

(A) assess the significance of the specific risks to individual MHPI housing projects from the reduction in BAH; and

(B) identify methods to mitigate such risks based on their significance.

(6) Not later than December 1, 2018, finalize Department of Defense guidance that clearly defines—

(A) the circumstances in which the military departments shall provide notification of housing project changes to the congressional defense committees; and

(B) which types of such changes require prior notification to or prior approval from the congressional defense committees.

(d) DEFINITIONS.—In this section:

(1) The term "BAH" means the basic allowance for housing under section 403 of title 37, United States Code.

(2) The term "covered housing" means a unit of MHPI housing that is leased to a member of a uniformed service who resides in such unit.

(3) The term "MHPI housing" means housing acquired or constructed under the alternative authority of subchapter IV of chapter 169 of title 10, United States Code (known as the Military Housing Privatization Initiative).

SEC. 605 . PER DIEM ALLOWANCE POLICIES.

(a) POLICY AND REGULATIONS.—

(1) EXISTING POLICY AND REGULATIONS.—The Secretary of each military department may not implement the policy in the memorandum dated October 1, 2014, titled "UTD/CTS for MAP 118-13/CAP 118-13 – Flat Rate Per Diem for Long Term TDY", regarding per diem allowances, or any regulations prescribed pursuant to such memorandum, on or after the date of the enactment of this Act.

(2) FUTURE POLICY AND REGULATIONS.—(A) The Secretary of each military department concerned may not implement a new policy regarding per diem allowances under section 474 of title 37, United

States Code, until after the Secretary of Defense issues the report under subsection (b).

(B) The Secretary of the military department concerned shall notify the appropriate congressional committees not less than 60 days before implementing a new policy regarding per diem allowances under section 474 of title 37, United States Code.

(b) REPORT.—Not later than 180 days after the date of the enactment of this Act, the Secretary of Defense shall issue a report to the appropriate congressional committees regarding options to reduce travel costs incurred by the Department of Defense, including the adoption of practices used by private entities.

(c) APPROPRIATE CONGRESSIONAL COMMITTEES.—In this section, the term "appropriate congressional committees" means the congressional defense committees, the Committee on Homeland Security and Governmental Affairs of the Senate, and the Committee on Oversight and Government Reform of the House of Representatives.

Subtitle B—Bonuses and Special Incentive Pays

SEC. 611 . ONE-YEAR EXTENSION OF CERTAIN EXPIRING BONUS AND SPECIAL PAY AUTHORITIES.

(a) AUTHORITIES RELATING TO RESERVE FORCES.—Section 910(g) of title 37, United States Code, relating to

income replacement payments for reserve component members experiencing extended and frequent mobilization for active duty service, is amended by striking "December 31, 2018" and inserting "December 31, 2019".

(b) TITLE 10 AUTHORITIES RELATING TO HEALTH CARE PROFESSIONALS.—The following sections of title 10, United States Code, are amended by striking "December 31, 2018" and inserting "December 31, 2019":

(1) Section 2130a(a)(1), relating to nurse officer candidate accession program.

(2) Section 16302(d), relating to repayment of education loans for certain health professionals who serve in the Selected Reserve.

(c) AUTHORITIES RELATING TO NUCLEAR OFFICERS.—Section 333(i) of title 37, United States Code, is amended by striking "December 31, 2018" and inserting "December 31, 2019".

(d) AUTHORITIES RELATING TO TITLE 37 CONSOLIDATED SPECIAL PAY, INCENTIVE PAY, AND BONUS AUTHORITIES.—The following sections of title 37, United States Code, are amended by striking "December 31, 2018" and inserting "December 31, 2019":

(1) Section 331(h), relating to general bonus authority for enlisted members.

(2) Section 332(g), relating to general bonus authority for officers.

(3) Section 334(i), relating to special aviation incentive pay and bonus authorities for officers.

(4) Section 335(k), relating to special bonus and incentive pay authorities for officers in health professions.

(5) Section 336(g), relating to contracting bonus for cadets and midshipmen enrolled in the Senior Reserve Officers' Training Corps.

(6) Section 351(h), relating to hazardous duty pay.

(7) Section 352(g), relating to assignment pay or special duty pay.

(8) Section 353(i), relating to skill incentive pay or proficiency bonus.

(9) Section 355(h), relating to retention incentives for members qualified in critical military skills or assigned to high priority units.

(e) AUTHORITY TO PROVIDE TEMPORARY INCREASE IN RATES OF BASIC ALLOWANCE FOR HOUSING.—Section 403(b)(7)(E) of title 37, United States Code, is amended by striking "December 31, 2018" and inserting "December 31, 2019".

Subtitle C—Other Matters

SEC. 621 . EXPANSIONS OF INSTALLATION BENEFITS TO SURVIVING SPOUSES, DEPENDENT CHILDREN, AND OTHER NEXT OF KIN.

(a) ISSUANCE OF GOLD STAR INSTALLATION ACCESS CARDS.—

(1) ISSUANCE AND CONDITIONS ON USE.—

(A) IN GENERAL.—Chapter 57 of title 10, United States Code, is amended by inserting after section 1126 the following new section:

"§ 1126a. Gold Star Installation Access Card: issuance and protections

"(a) ISSUANCE TO GOLD STAR SURVIVING SPOUSE AND DEPENDENT CHILDREN OF DECEASED MEMBER REQUIRED.—The Secretary concerned shall provide for the issuance of a standardized Gold Star Installation Access Card to the widow and dependent children of a deceased member of the armed forces described in section 1126(a) of this title to facilitate their ability to gain unescorted access to military installations for the purpose of attending memorial events, visiting gravesites, and obtaining the on-installation services and benefits to which they are entitled or eligible.

"(b) ISSUANCE TO OTHER NEXT OF KIN AUTHORIZED.—At the discretion of the Secretary concerned, the

Secretary concerned may provide the Gold Star Installation Access Card to the parents and other next of kin of a deceased member of the armed forces described in section 1126(a) of this title.

"(c) SERVICE-WIDE ACCEPTANCE OF ACCESS CARD.—The Secretaries concerned shall work together to ensure that a Gold Star Installation Access Card issued by one armed force is accepted for access to military installations under the jurisdiction of another armed force.

"(d) PROTECTION OF INSTALLATION SECURITY.—In developing, issuing, and accepting the Gold Star Installation Access Card, the Secretary concerned may take such measures as the Secretary concerned considers necessary—

"(1) to prevent fraud in the procurement or use of the Gold Star Installation Access Card;

"(2) to limit installation access to those areas of the installation that provide the services and benefits for which the recipient of the Gold Star Installation Access Card is entitled or eligible; and

"(3) to ensure that the availability and use of the Gold Star Installation Access Card does not adversely affect military installation security.

"(e) TERMINATION.—The Gold Star Installation Access Card for the widow and dependent children of a deceased member of the armed forces shall remain valid for

the life of the widow or child, regardless of subsequent marital status of the widow, subject to periodic renewal as determined by the Secretary concerned to ensure military installation security.".

(B) CLERICAL AMENDMENT.—The table of sections at the beginning of chapter 57 of title 10, United States Code, is amended by inserting after the item relating to section 1126 the following new item:

"1126a. Gold Star Installation Access Card: issuance and protections.".

(2) APPLICABILITY OF CURRENT DEFINITIONS.—Section 1126(d) of title 10, United States Code is amended by striking the matter preceding paragraph (1) and inserting the following: "In this section and section 1126a of this title:".

(b) EXTENSION OF COMMISSARY AND EXCHANGE BENEFITS FOR REMARRIED SPOUSES WITH DEPENDENT CHILDREN.—

(1) BENEFITS.—Section 1062 of title 10, United States Code, is amended—

(A) by striking "The Secretary of Defense" and inserting the following:

"(a) CERTAIN UNREMARRIED FORMER SPOUSES.—The Secretary of Defense"; and

(B) by adding at the end the following new subsection:

"(b) CERTAIN REMARRIED SURVIVING SPOUSES.—The Secretary of Defense shall prescribe such regulations as may be necessary to provide that a surviving spouse of a deceased member of the armed forces, regardless of the marital status of the surviving spouse, who has guardianship of dependent children of the deceased member is entitled to use commissary stores and MWR retail facilities to the same extent and on the same basis as the unremarried surviving spouse of a member of the uniformed services.".

(2) CONFORMING AMENDMENTS.—Section 1062 of title 10, United States Code, is further amended—

(A) by striking "commissary and exchange privileges" and inserting "use commissary stores and MWR retail facilities"; and

(B) by adding at the end the following new subsection:

"(c) MWR RETAIL FACILITIES.—The term 'MWR retail facilities' has the meaning given that term in section 1063(e) of this title.".

(3) CLERICAL AMENDMENTS.—

(A) SECTION HEADING.—The heading of section 1062 of title 10, United States Code, is amended to read as follows:

"§ 1062. Certain former spouses and surviving spouses".

(B) TABLE OF SECTIONS.—The table of sections at the beginning of chapter 54 of title 10, United States Code, is amended by striking the item relating to section 1062 and inserting the following new item:

"1062. Certain former spouses and surviving spouses.".

SEC. 622 . TRANSPORTATION ON MILITARY AIRCRAFT ON A SPACE-AVAILABLE BASIS FOR DISABLED VETERANS WITH A SERVICE-CONNECTED, PERMANENT DISABILITY RATED AS TOTAL.

(a) AVAILABILITY OF TRANSPORTATION.—Section 2641b of title 10, United States Code, is amended—

(1) by redesignating subsection (f) as subsection (g); and

(2) by inserting after subsection (e) the following new subsection (f):

"(f) SPECIAL PRIORITY FOR CERTAIN DISABLED VETERANS.—(1) The Secretary of Defense shall provide transportation on scheduled and unscheduled military flights within the continental United States and on scheduled overseas flights operated by the Air Mobility Command on a space-available basis for any veteran with a service-connected, permanent disability rated as total on the same

basis as such transportation is provided to members of the armed forces entitled to retired or retainer pay.

"(2) The transportation priority required by paragraph (1) for veterans described in such paragraph applies whether or not the Secretary establishes the travel program authorized by this section.

"(3) In this subsection, the terms 'veteran' and 'service-connected' have the meanings given those terms in section 101 of title 38.".

(b) EFFECTIVE DATE.—Subsection (f) of section 2641b of title 10, United States Code, as added by subsection (a), shall take effect at the end of the 90-day period beginning on the date of the enactment of this Act.

SEC. 623 . EXTENSION OF PARKING EXPENSES ALLOWANCE TO CIVILIAN EMPLOYEES AT RECRUITING FACILITIES.

Section 481i(b)(1) of title 37, United States Code, is amended by striking "as a recruiter for any" and inserting "at a recruiting facility".

SEC. 624 . ADVISORY BOARDS REGARDING MILITARY COMMISSARIES AND EXCHANGES.

The Secretary of Defense shall direct each commanding officer of a military base on which there is a military commissary or exchange to establish an advisory board, comprised of representatives of military or veterans service or-

ganizations, to advise the commanding officer regarding the interests of patrons and beneficiaries of military commissaries and exchanges.

SEC. 625 . STUDY AND REPORT ON DEVELOPMENT OF A SINGLE DEFENSE RESALE SYSTEM.

(a) STUDY.—The Secretary of Defense shall conduct a study to determine the feasibility of consolidating the military resale entities into a single defense resale system. Such study shall include the following:

(1) A financial assessment of consolidation of the military resale entities.

(2) A business case analysis of consolidation of the military resale entities.

(3) Organizational, operational, and business model integration plans for consolidation of the military resale entities.

(4) Determinations of which back-office processes and systems associated with finance and payment processing technologies the Secretary could convert to common technologies.

(b) REPORT.—Not later than January 1, 2019, the Secretary shall submit a report to the congressional defense committees regarding the study under subsection (a). That report shall contain the following:

(1) Details of the internal and external organizational structures of a consolidated defense resale system.

(2) Recommendations of the Secretaries of each of the military departments regarding the plan to consolidate the military resale entities.

(3) The costs and associated plan for the merger of technologies or implementation of new technology from a third-party provider to standardize financial management and accounting processes of a consolidated defense resale system.

(4) Best practices to maximize reductions in costs associated with back-office retail payment processing for a consolidated defense resale system.

(5) A timeline for converting the Defense Commissary Agency into a non-appropriated fund instrumentality under section 2484(j) of title 10, United States Code.

(6) A determination whether the business case analysis supports consolidation of the military resale entities.

(7) Recommendations of the Secretary for legislation related to consolidation of the military resale entities.

(8) Other elements the Secretary determines are necessary for a successful evaluation of a consolidation of the military resale entities.

(c) PROHIBITION ON USE OF FUNDS.—None of the amounts authorized to be appropriated or otherwise made available in this Act may be obligated or expended for the purpose of implementing consolidation of the military resale entities until October 1, 2019.

(d) MILITARY RESALE ENTITIES DEFINED.—In this section the term "military resale entities" means—

(1) the Defense Commissary Agency;

(2) the Army and Air Force Exchange Service;

(3) the Navy Exchange; and

(4) the Marine Corps Exchange.

TITLE VII—HEALTH CARE PROVISIONS

Subtitle A—TRICARE and Other Health Care Benefits

SEC. 701. TRICARE MEDICARE ADVANTAGE DEMONSTRATION PROGRAM.

(a) ESTABLISHMENT.—

(1) IN GENERAL.—Not later than two years after the date of the enactment of this Act, the Secretary of Defense, in consultation with the Secretary of Health and Human Services, shall carry out a demonstration

program under which, notwithstanding section 1851(c)(3) of the Social Security Act (42 U.S.C. 1395w–21(c)(3)), each covered individual is deemed, unless the individual (in accordance with a process specified by the Secretaries) elects otherwise, to have elected to receive benefits under title XVIII of such Act (42 U.S.C. 1395 et seq.) through a participating MA plan, with respect to the military health system region involved, (and shall be enrolled in such plan) for each plan year during which such demonstration program is carried out. In carrying out the demonstration program, the Secretary shall ensure that a covered individual who is enrolled in an MA plan in a military health system region selected under paragraph (3) that is not a participating MA plan may remain in such non-participating MA plan without making an election through such process specified in the previous sentence.

(2) DURATION.—Subject to subsection (d), the demonstration program established under paragraph (1) shall be carried out for a period of not less than two plan years.

(b) PARTICIPATING MA PLANS.—

(1) DEFINITION.—For purposes of this section, the term "participating MA plan" means, with re-

spect to a military health system region selected under paragraph (3) and a plan year beginning during the period during which the demonstration project is carried out, an eligible Medicare Advantage plan that enters into a contract under paragraph (2) with the Secretary of Defense to participate in the demonstration program under this section for such plan year.

(2) SELECTION OF PLANS.—

(A) IN GENERAL.—The Secretary shall, after consultation with the TRICARE managed care support contractor in each military health system region selected under paragraph (3) and with respect to each plan year beginning the period during which such demonstration program is carried out, enter into a contract with one or more eligible Medicare Advantage plans described in subparagraph (B) to participate in the demonstration program for such plan year, with respect to such military health system region. Under such contract, the Medicare Advantage organization offering such plan, with respect to such military health system region, shall agree to provide coverage under such plan to all

covered individuals residing in such region during such plan year.

(B) ELIGIBLE MEDICARE ADVANTAGE PLAN.—For purposes of this section, an eligible Medicare Advantage plan, with respect to a military health system region selected under paragraph (3), is an MA plan that satisfies the following conditions, with respect to a plan year beginning during the period during which the demonstration program is carried out:

(i) The Medicare Advantage organization offering the plan has in effect a contract with the Secretary of Health and Human Services under section 1857 of the Social Security Act (42 U.S.C. 1395w–27) for offering such plan to MA eligible individuals in such military health system region with respect to such plan year.

(ii) The plan is, or is treated as, a qualifying plan under section 1853(o)(3) of such Act (42 U.S.C. 1395w–23(o)(3)), with respect to such plan year.

(3) SELECTION OF MILITARY HEALTH SYSTEM REGIONS.—The Secretary shall select two military health system regions in which to carry out the dem-

onstration program, one from each TRICARE managed care support contractor region. Each such region shall have a large concentration of beneficiaries eligible for TRICARE for Life.

(c) COSTS OF PROGRAM.—

(1) DEPARTMENT OF DEFENSE.—The Secretary shall bear the costs to the Department of Defense and realize any potential savings to the Department that result from the demonstration program.

(2) COST NEUTRALITY.—The costs paid under the demonstration program by the United States to the participating Medicare Advantage plans, and the costs paid by the United States pursuant to TRICARE for Life, for the period of the demonstration program, with respect to covered individuals enrolled in such plans during such period, may not exceed the estimated costs that would have been paid by the United States during such period for providing health care benefits to such individuals through the original Medicare fee-for-service program under parts A and B of title XVIII of the Social Security Act and TRICARE for Life, as adjusted to account for the age, location, and health status of the population.

(d) CERTIFICATIONS REQUIRED TO CARRY OUT PROGRAM.—

(1) CERTIFICATIONS.—Not later than one year after the date of the enactment of this Act, and annually thereafter for each plan year occurring during the period during which the demonstration program is carried out, the Secretary shall submit to the appropriate congressional committees a report and certification on the demonstration program. If the Secretary does not submit the certification by such date each year, the Secretary may not carry out the demonstration program for the plan year or any subsequent plan year.

(2) ELEMENTS.—Each report and certification under paragraph (1), with respect to a plan year, shall include the following:

(A) Except for the first report and certification submitted under paragraph (1)—

(i) a certification that the demonstration program maintains cost neutrality pursuant to subsection (c)(2);

(ii) the number of covered individuals eligible to be enrolled in the demonstration program and the number of covered individuals who opted out of such enrollment in each participating MA plan in each such region; and

(iii) an assessment of the number of covered individuals enrolled in participating Medicare Advantage plans under the demonstration program that have reached the limit on out-of-pocket expenditures applied under the respective plan.

(B) A certification that the access standards for the TRICARE program are met in the Medicare Advantage plans selected under subsection (b)(2).

(C) A description of the average premium rates, and copayments or cost sharing, if any, for each participating MA plan in each military health system region selected under subsection (b)(3).

(D) A description of the quality rating determined under the 5-star rating system under section 1853(o)(4) of the Social Security Act (42 U.S.C. 1395w–23(o)(4)) for such plan year for each participating MA plan.

(E) Any recommendations by the Secretary with respect to any legislative actions to improve the demonstration program.

(e) REPORT.—Not later than three years after the date of the enactment of this Act, the Secretary shall submit to

the appropriate congressional committees a report providing a comprehensive assessment of the demonstration program.

(f) REGULATIONS.—

(1) IN GENERAL.—The Secretary may prescribe regulations to expeditiously implement the demonstration program under subsection (a).

(2) RULEMAKING.—The Secretary shall carry out paragraph (1)—

(A) by prescribing an interim final rule; and

(B) not later than 180 days after prescribing such interim final rule and considering public comments with respect to such interim final rule, by prescribing a final rule.

(g) DEFINITIONS.—In this section:

(1) The term ''appropriate congressional committees'' means—

(A) the Committees on Armed Services, Ways and Means, and Energy and Commerce of the House of Representatives; and

(B) the Committees on Armed Services, Finance, and Health, Education, Labor, and Pensions of the Senate.

(2) The term "covered individual" means an individual who—

(A) is a Medicare Advantage eligible individual (as defined in section 1851(a)(3) of the Social Security Act (42 U.S.C. 1395w–21(a)(3)));

(B) is enrolled in TRICARE for Life; and

(C) resides in a ZIP Code that is located—

(i) in a military health system region selected under subsection (b)(3); and

(ii) at least 40 miles from a military medical center or a military hospital described in subsections (b) and (c) of section 1073d of title 10, United States Code.

(3) The term "Medicare Advantage organization" has the meaning given that term in section 1859 of the Social Security Act (42 U.S.C. 1395w–28).

(4) The term "Medicare Advantage plan" means a health plan under part C of title XVIII of the Social Security Act (42 U.S.C. 1395w–21 et seq.).

(5) The term "plan year" has the meaning given such term for purposes of such part.

(6) The term "Secretary" means the Secretary of Defense.

(7) The terms "TRICARE program" and "TRICARE for Life" have the meanings given those terms in section 1072 of title 10, United States Code.

SEC. 702. PILOT PROGRAM ON TREATMENT OF MEMBERS OF THE ARMED FORCES FOR POST-TRAUMATIC STRESS DISORDER RELATED TO MILITARY SEXUAL TRAUMA.

(a) IN GENERAL.—The Secretary of Defense may carry out a pilot program to assess the feasibility and advisability of using intensive outpatient programs to treat members of the Armed Forces suffering from post-traumatic stress disorder resulting from military sexual trauma, including treatment for substance abuse, depression, and other issues related to such conditions.

(b) DISCHARGE THROUGH PARTNERSHIPS.—The pilot program authorized by subsection (a) shall be carried out through partnerships with public, private, and non-profit health care organizations and institutions that—

(1) provide health care to members of the Armed Forces;

(2) provide evidence-based treatment for psychological and neurological conditions that are common among members of the Armed Forces, including post-traumatic stress disorder, traumatic brain injury, substance abuse, and depression;

(3) provide health care, support, and other benefits to family members of members of the Armed Forces; and

(4) provide health care under the TRICARE program (as that term is defined in section 1072 of title 10, United States Code).

(c) PROGRAM ACTIVITIES.—Each organization or institution that participates in a partnership under the pilot program authorized by subsection (a) shall—

(1) carry out intensive outpatient programs of short duration to treat members of the Armed Forces suffering from post-traumatic stress disorder resulting from military sexual trauma, including treatment for substance abuse, depression, and other issues related to such conditions;

(2) use evidence-based and evidence-informed treatment strategies in carrying out such programs;

(3) share clinical and outreach best practices with other organizations and institutions participating in the pilot program; and

(4) annually assess outcomes for members of the Armed Forces individually and among the organizations and institutions participating in the pilot program with respect to the treatment of conditions described in paragraph (1).

(d) EVALUATION METRICS.—Before commencement of the pilot program, the Secretary shall establish metrics to be used to evaluate the effectiveness of the pilot program and the activities under the pilot program.

(e) REPORTS.—

(1) INITIAL REPORT.—Not later than 180 days after the date of the enactment of this Act, the Secretary shall submit to the Committees on Armed Services of the Senate and the House of Representatives a report on the pilot program authorized by subsection (a). The report shall include a description of the pilot program and such other matters on the pilot program as the Secretary considers appropriate.

(2) FINAL REPORT.—Not later than 180 days after the cessation of the pilot program under subsection (f), the Secretary shall submit to the committees of Congress referred to in paragraph (1) a report on the pilot program. The report shall include the following:

(A) A description of the pilot program, including the partnership under the pilot program as described in subsection (b).

(B) An assessment of the effectiveness of the pilot program and the activities under the pilot program.

(C) Such recommendations for legislative or administrative action as the Secretary considers appropriate in light of the pilot program, including recommendations for extension or making permanent the authority for the pilot program.

(f) TERMINATION.—The Secretary may not carry out the pilot program authorized by subsection (a) after the date that is three years after the date of the enactment of this Act.

SEC. 703. PILOT PROGRAM ON CRYOPRESERVATION AND STORAGE.

(a) IN GENERAL.—The Secretary of Defense shall establish a pilot program to provide not greater than 1,000 members of the Armed Forces on active duty in the Armed Forces with the opportunity to cryopreserve and store their gametes prior to deployment to a combat zone.

(b) PERIOD OF TIME.—

(1) IN GENERAL.—The Secretary shall provide for the cryopreservation and storage of gametes of a participating member of the Armed Forces under subsection (a), at no cost to the member, in a facility of the Department of Defense or of a private entity pursuant to a contract under subsection (d) until the

date that is one year after the retirement, separation, or release of the member from the Armed Forces.

(2) CONTINUED CRYOPRESERVATION AND STORAGE.—At the end of the one-year period specified in paragraph (1), the Secretary shall permit an individual whose gametes were cryopreserved and stored in a facility of the Department as described in that paragraph to select, including pursuant to an advance medical directive or military testamentary instrument completed under subsection (c), one of the following options:

(A) To continue such cryopreservation and storage in such facility with the cost of such cryopreservation and storage borne by the individual.

(B) To transfer the gametes to a private cryopreservation and storage facility selected by the individual.

(3) DISPOSAL OF GAMETES.—If an individual described in paragraph (2) does not make a selection under subparagraph (A) or (B) of such paragraph, the Secretary may dispose of the gametes of the individual not earlier than the date that is 90 days after the end of the one-year period specified in paragraph (1) with respect to the individual.

(c) ADVANCE MEDICAL DIRECTIVE AND MILITARY TESTAMENTARY INSTRUMENT.—A member of the Armed Forces who elects to cryopreserve and store their gametes under this section must complete an advance medical directive, as defined in section 1044c(b) of title 10, United States Code, and a military testamentary instrument, as defined in section 1044d(b) of such title, that explicitly specifies the use of their cryopreserved and stored gametes if such member dies or otherwise loses the capacity to consent to the use of their cryopreserved and stored gametes.

(d) AGREEMENTS.—To carry out this section, the Secretary may enter into agreements with private entities that provide cryopreservation and storage services for gametes.

Subtitle B—Health Care Administration

SEC. 711. TRANSITION OF ADMINISTRATION BY DEFENSE HEALTH AGENCY OF MILITARY MEDICAL TREATMENT FACILITIES.

Section 1073c(a) of title 10, United States Code, is amended—

(1) in paragraph (1), by striking "Beginning October 1, 2018," and inserting "In accordance with paragraph (3), by not later than September 30, 2020,";

(2) by redesignating paragraphs (3) and (4) as paragraphs (4) and (5), respectively;

(3) by inserting after paragraph (2) the following new paragraph (3):

"(3)(A) The Secretary of Defense shall establish a timeline to ensure that each Secretary of a military department transitions the administration of military medical treatment facilities from the respective Secretary to the Director of the Defense Health Agency pursuant to paragraph (1) by the date specified in such paragraph.

"(B) In carrying out this subsection, and in addition to the requirements under section 1073d(e) of this title, the Secretary of Defense may not close any military medical treatment facility, limit the health services provided by a military medical treatment facility, or take any action to begin such a closure or limitation, until the date on which the Secretary submits to the congressional defense committees a report containing the following:

"(i) A certification that each Secretary of a military department has completed the transition of the administration of each military medical treatment facility from the respective Secretary to the Director of the Defense Health Agency pursuant to paragraph (1).

"(ii) A description of the metrics used by the Secretary of Defense to ensure that such transition is completed.

"(iii) A description of a cohesive headquarters structure that delineates the roles and responsibilities for each military department, the Joint Staff Surgeon, and the Defense Health Agency.

"(C) Not later than January 31, 2019, and every six months thereafter through September 30, 2020, the Director of the Defense Health Agency shall provide a briefing to the congressional defense committees on the progress of the transition under this paragraph."; and

(4) in paragraph (3), as so redesignated, by striking "subsection (a)" and inserting "paragraph (1)".

SEC. 712. SHARING INFORMATION WITH STATE PRESCRIPTION DRUG MONITORING PROGRAMS.

(a) ESTABLISHMENT.—Section 1074g of title 10, United States Code, is amended—

(1) by redesignating subsections (g) and (h) as subsections (h) and (i), respectively; and

(2) by inserting after subsection (f) the following new subsection:

"(g) SHARING INFORMATION WITH STATE PRESCRIPTION DRUG MONITORING PROGRAMS.—(1) The Secretary

shall establish and operate a prescription drug monitoring program (to be known as the Military Health System Prescription Drug Monitoring Program) for prescription drugs provided through facilities of the uniformed services.

"(2) The Secretary shall ensure that the program established under paragraph (1)—

"(A) is comparable to prescription drug monitoring programs operated by States; and

"(B) covers prescription drugs provided under the pharmacy benefits program that are controlled substances.

"(3)(A) In carrying out the program established under paragraph (1), the Secretary shall establish appropriate procedures for sharing between the program and State prescription drug monitoring programs patient-specific information regarding prescription drugs that are controlled substances to prevent the misuse and diversion of opioid medications and other controlled substances.

"(B) For purposes of the regulations promulgated under section 264(c) of the Health Insurance Portability and Accountability Act of 1996 (Public Law 104–191; 42 U.S.C. 1320d–2 note), any disclosure of patient-specific information by the Secretary under subparagraph (A) shall be treated as a permitted disclosure.

"(C) The Secretary shall include in the procedures established under subparagraph (A) appropriate safeguards, as determined by the Secretary, concerning the cybersecurity of information systems of the Department of Defense systems and the operational security of personnel of the Department.

"(4) In this subsection, the term 'controlled substance' has the meaning given that term in section 102 of the Controlled Substances Act (21 U.S.C. 802).".

(b) BRIEFING.—Not later than one year after the date of the enactment of this Act, the Secretary of Defense shall provide to the Committees on Armed Services of the House of Representatives and the Senate a briefing on the implementation of the program established under section 1074g(g) of title 10, United States Code, as added by subsection (a).

(c) CONFORMING AMENDMENTS.—

(1) TITLE 10, UNITED STATES CODE.—Section 1079(q) of title 10, United States Code, is amended by striking "section 1074g(g)" and inserting "section 1074g(h)".

(2) FY16 NDAA.—Section 715(e)(2) of the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114–92; 10 U.S.C. 1074g note) is

amended by striking "section 1074g(g)" and inserting "section 1074g(h)".

(3) FY17 NDAA.—Section 745(b) of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114–328; 10 U.S.C. 1074 note) is amended by striking "section 1074g(g)" and inserting "section 1074g(h)".

SEC. 713. IMPROVEMENT TO NOTIFICATION TO CONGRESS OF HOSPITALIZATION OF COMBAT-WOUNDED MEMBERS OF THE ARMED FORCES.

Section 1074l(a) of title 10, United States Code, is amended by striking "admitted to a military treatment facility within the United States" and inserting "admitted to any military medical treatment facility".

SEC. 714. IMPROVEMENTS TO TRAUMA CENTER PARTNERSHIPS.

Section 708(c) of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114–328; 10 U.S.C. 1071 note) is amended—

(1) in paragraph (1), by striking "large metropolitan teaching hospitals that have level I civilian";

(2) in paragraph (2)—

(A) by striking "with civilian academic medical centers and large metropolitan teaching hospitals"; and

(B) by striking "the trauma centers of the medical centers and hospitals" and inserting "trauma centers"; and

(3) in paragraph (3), by striking "large metropolitan teaching hospitals" and inserting "trauma centers".

SEC. 715. WOUNDED WARRIOR POLICY REVIEW.

(a) IN GENERAL.—Not later than 180 days after the date of the enactment of this Act, the Secretary of Defense shall review and update policies and procedures relating to the care and management of recovering service members. In conducting such review, the Secretary shall consider best practices—

(1) in the care of recovering service members;

(2) in the administrative management relating to such care;

(3) to carry out applicable provisions of Federal law; and

(4) recommended by the Comptroller General of the United States in the report titled "Army Needs to Improve Oversight of Warrior Transition Units".

(b) SCOPE OF POLICY.—In carrying out subsection (a), the Secretary shall update policies of the Department of Defense with respect to each of the following:

(1) The case management coordination of members of the Armed Forces between the military departments and the military medical treatment facilities administered by the Director of the Defense Health Agency pursuant to section 1073c of title 10, United States Code, including with respect to the coordination of—

(A) appointments;

(B) rehabilitative services;

(C) recuperation in an outpatient status;

(D) contract care provided by a private health care provider outside of a military medical treatment facility;

(E) the disability evaluation system; and

(F) other administrative functions relating to the military department.

(2) The transition of a member of the Armed Forces who is retired under chapter 61 of title 10, United States Code, from receiving treatment furnished by the Secretary of Defense to treatment furnished by the Secretary of Veterans Affairs.

(3) Facility standards related to lodging and accommodations for recovering service members and the family members and non-medical attendants of such recovering service members.

(c) REPORT.—Not later than one year after the date of the enactment of this Act, the Secretary of Defense and Secretaries of the military departments shall jointly submit to the Committees on Armed Services of the Senate and House of Representatives a report on the review conducted under subsection (a), including a description of the policies updated pursuant to subsection (b).

(d) DEFINITIONS.—In this section, the terms "disability evaluation system", "outpatient status", and "recovering service members" have the meaning given those terms in section 1602 of the Wounded Warrior Act (title XVI of Public Law 110–181; 10 U.S.C. 1071 note).

SEC. 716. JOINT FORCE MEDICAL CAPABILITIES DEVELOPMENT AND STANDARDIZATION.

(a) DEVELOPMENT.—The Secretary of Defense, in coordination with the Secretaries of the military departments and the Chairman of the Joint Chiefs of Staff, shall develop a process to establish required joint medical capabilities for members of the Armed Forces that meet the operational planning requirements of the combatant commands.

(b) PROCESS.—The process developed under subsection (a) shall include—

(1) the development of a joint medical estimate to determine the medical requirements for treating members of the Armed Forces who are wounded, ill,

or injured during military operations, including with respect to environmental health and force health protection.

(2) a process to review and revise military health related mission essential tasks that are aligned with health professional knowledge, skills, and abilities; and

(3) a process to standardize the interoperability of medical equipment and capabilities to the greatest extent practicable to support the joint force.

(c) REPORT.—Not later than March 1, 2019, the Secretary of Defense shall submit to the Committees on Armed Services of the Senate and House of Representatives a report describing the process developed under subsection (a).

Subtitle C—Reports and Other Matters

SEC. 721. ESTABLISHMENT OF TRISERVICE DENTAL RESEARCH PROGRAM.

(a) IN GENERAL.—Chapter 104 of title 10, United States Code, is amended by adding at the end the following new section:

"§2117. Military dental research

"(a) DEFINITIONS.—In this section:

"(1) The term 'military dental research' means research on the furnishing of care and services by dentists in the armed forces.

"(2) The term 'TriService Dental Research Program' means the program of military dental research authorized under this section.

"(b) PROGRAM AUTHORIZED.—The Secretary of Defense may establish at the University a program of military dental research.

"(c) TRISERVICE RESEARCH GROUP.—The TriService Dental Research Program shall be administered by a TriService Dental Research Group composed of Army, Navy, and Air Force dentists who are involved in military dental research and are designated by the Secretary concerned to serve as members of the group.

"(d) DUTIES OF GROUP.—The TriService Dental Research Group shall—

"(1) develop for the Department of Defense recommended guidelines for requesting, reviewing, and funding proposed military dental research projects; and

"(2) make available to Army, Navy, and Air Force dentists and Department of Defense officials concerned with military dental research—

"(A) information about dental research projects that are being developed or carried out in the Army, Navy, and Air Force; and

"(B) expertise and information beneficial to the encouragement of meaningful dental research.

"(e) RESEARCH TOPICS.—For purposes of this section, military dental research includes research on the following issues:

"(1) Issues regarding how to improve the results of dental care and services provided in the armed forces in time of peace.

"(2) Issues regarding how to improve the results of dental care and services provided in the armed forces in time of war.

"(3) Issues regarding how to improve methods of training dental personnel.".

(b) CLERICAL AMENDMENT.—The table of sections at the beginning of such chapter is amended by inserting after the item relating to section 2116 the following new section:

"2117. Military dental research.".

SEC. 722. INCREASING THE NUMBER OF APPOINTED DIRECTORS OF THE HENRY M. JACKSON FOUNDATION FOR THE ADVANCEMENT OF MILITARY MEDICINE.

Section 178(c)(1)(C) of title 10, United States Code, is amended to read as follows:

"(C) six members appointed by the ex officio members of the Council designated in subparagraphs (A) and (B).".

SEC. 723. EXTENSION OF AUTHORITY FOR JOINT DEPARTMENT OF DEFENSE- DEPARTMENT OF VETERANS AFFAIRS MEDICAL FACILITY DEMONSTRATION FUND.

Section 1704(e) of the National Defense Authorization Act for Fiscal Year 2010 (Public Law 111–84; 123 Stat. 2573), as most recently amended by section 719 of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115–91; 131 Stat. 1440), is further amended by striking "September 30, 2019" and inserting "September 30, 2020".

SEC. 724. INCLUSION OF GAMBLING DISORDER IN HEALTH ASSESSMENTS AND RELATED RESEARCH EFFORTS OF THE DEPARTMENT OF DEFENSE.

(a) ANNUAL PERIODIC HEALTH ASSESSMENT.—The Secretary of Defense shall incorporate medical screening questions specific to gambling disorder into annual periodic health assessments conducted by the Department of Defense for members of the Armed Forces.

(b) RESEARCH EFFORTS.—The Secretary shall incorporate into ongoing research efforts of the Department questions on gambling disorder, as appropriate, including by

restoring such questions into the Health Related Behaviors Survey of Active Duty Military Personnel.

SEC. 725. MEDICAL SIMULATION TECHNOLOGY AND LIVE TISSUE TRAINING WITHIN THE DEPARTMENT OF DEFENSE.

(a) IN GENERAL.—

(1) USE OF SIMULATION TECHNOLOGY.—Except as provided by paragraph (2), the Secretary of Defense shall use medical simulation technology before the use of live tissue training to train medical professionals and combat medics of the Department of Defense.

(2) DETERMINATION.—The use of live tissue training within the Department of Defense may be used as determined necessary by the medical chain of command.

(b) BRIEFING.—Not later than 180 days after the date of the enactment of this Act, the Secretary of Defense, in consultation with the Chairman of the Joint Chiefs of Staff and the Secretaries of the military departments, shall provide a briefing to the Committees on Armed Services of the House of Representatives and the Senate on the use and benefit of medical simulation technology and live tissue training within the Department of Defense to train medical

professionals, combat medics, and members of the Special Operations Forces.

(c) ELEMENTS.—The briefing under subsection (b) shall include the following:

(1) A discussion of the benefits and needs of both medical simulation technology and live tissue training.

(2) Ways and means to enhance and advance the use of simulation technologies in training.

(3) An assessment of current medical simulation technology requirements, gaps, and limitations.

(4) An overview of Department of Defense medical training programs, as of the date of the briefing, that use live tissue training and medical simulation technologies.

(5) Any other matters the Secretary determines appropriate.

SEC. 726. LIMITATION ON CHANGES TO FEDERAL EMERGENCY SERVICES CERTIFICATION LEVELS OF THE AIR FORCE.

The Secretary of the Air Force may not transition Federal Emergency Services certification levels from Emergency Management Technician level to Emergency Medical Responder level until the Secretary submits to the congres-

sional defense committees a report that contains the following:

(1) Details on the process and factors the Air Force Emergency Medical Services Working Group used and considered to determine which military installations would be required to transition Federal Emergency Services certification levels from Emergency Medical Technician level to Emergency Medical Responder level.

(2) The required base and community emergency response standards the Air Force Emergency Medical Services Working Group based such transition on, including information on where these standards are defined and how these standards were developed.

(3) Information on how the Air Force will meet the needs of trench rescue, water rescue, high angle rescue, and confined space rescue pursuant to Department of Defense Instructions with less Emergency Management Technician certified personnel.

(4) Information on the required response time standard for advanced life support and how the Air Force Emergency Medical Services Working Group determined a military installation could meet this standard.

(5) Details on any contingency plans the Air Force has developed when basic and advance life support care and ambulance transport are unavailable as a result of these resources being used to transport patients to medical facilities located off the military installation.

SEC. 727. STRATEGIC MEDICAL RESEARCH PLAN.

(a) PLAN.—Not later than 30 days after the date on which the budget of the President for fiscal year 2020 is submitted to Congress pursuant to section 1105 of title 31, United States Code, the Secretary of Defense, in consultation with the Secretaries of the military departments, shall submit to the congressional defense committees a comprehensive strategic medical research plan.

(b) MATTERS INCLUDED.—The plan under subsection (a) shall include the following:

(1) A description of all medical research focus areas of the Department of Defense and a description of the coordination process to ensure the focus areas are linked to military readiness, joint force requirements, and relevance to individuals eligible for care at military medical treatment facilities or through the TRICARE program.

(2) A description of the medical research projects funded under the Defense Health Program account

and the projects under the Congressional Directed Medical Research Programs.

(3) A description of the process to ensure synergy across the military medical research community to address gaps in military medical research, minimize duplication of research, and to promote collaboration within research focus areas.

(4) A description of the efforts of the Secretary to coordinate with other departments and agencies of the Federal Government to increase awareness of complementary medical research efforts that are being carried out through the Federal Government.

SEC. 728. INDEPENDENT EVALUATION OF MENTAL HEALTH CARE.

(a) IN GENERAL.—The Secretary of Defense shall seek to enter into an agreement with a federally funded research and development center to evaluate the management of mental health care by the Defense Health Agency pursuant to section 1073c(a) of title 10, United States Code.

(b) SELECTION.—The Secretary shall select a federally funded research and development center under subsection (a) that has expertise and a record of independent, peer-reviewed publications with respect to—

(1) behavioral health research; and

(2) independent evaluations of mental health programs within the Department of Defense using multidisciplinary methods.

(c) MATTERS INCLUDED.—The evaluation under subsection (a) shall include the following:

(1) An assessment of the management of mental health care by the Defense Health Agency, including—

(A) how mental health care providers will be arranged within the command structure of the Agency; and

(B) how mental health care policy and processes will be managed within the Agency.

(2) An assessment of the ability of each Surgeon General of the military departments to maintain the readiness of the military health workforce to deliver mental health care services operationally in support of deployed forces.

(3) An assessment of the coordination of behavioral health research efforts across the research continuum.

(4) An assessment of the inclusion of evidence-based suicide prevention programs.

(5) A description of new processes to accelerate scientific research and delivery of breakthrough thera-

pies for traumatic brain injury, chronic traumatic encephalopathy, and post-traumatic stress disorder.

(6) Plans to field medical devices approved by the Food and Drug Administration that provide clinicians with rapid, accurate assessments of traumatic brain injury.

(d) SUBMISSION.—Not later than April 1, 2019, the Secretary shall submit to the congressional defense committees a report on the evaluation under subsection (a).

SEC. 729. STUDY ON REIMBURSEMENT RATES FOR MENTAL HEALTH CARE PROVIDERS UNDER TRICARE PRIME AND TRICARE SELECT IN THE EAST AND WEST REGIONS OF THE TRICARE PROGRAM.

(a) STUDY.—The Secretary of Defense shall conduct a study assessing the impact of using established rates to reimburse covered mental health care providers on the availability of such providers.

(b) ELEMENTS.—The study under subsection (a) shall include the following:

(1) An evaluation of—

(A) whether there are enough covered mental health care providers to adequately serve the beneciaries under TRICARE Prime and the beneficiaries under TRICARE Select of each lo-

cality in the East and West regions of the TRICARE program, including in rural communities in such regions; and

(B) whether the requirements under sections 1079 (h)(1) and 1097b of title 10, United States Code, to use established rates to reimburse covered mental health care providers limits the number of covered health care providers serving each locality in the East and West regions of the TRICARE program, including in rural communities in such regions.

(2) An assessment of the impact of using established rates to reimburse covered mental health care providers on—

(A) the ability of beneficaries under TRICARE Prime and beneficiaries under TRICARE Select beneficiaries to access appropriate and timely mental health care in accordance with section 199.17 of title 32, Code of Federal Regulations; and

(B) the availability of services provided by mental health care providers that are needed by members of the Armed Forces to be medically ready.

(3) Information about instances in which the Secretary provided or applied exceptions to established rates pursuant to sections 1079(h)(2) of title 10, United States Code, to increase the number of covered mental health care providers.

(4) A description of how the Secretary solicits and collects feedback from covered mental health care providers on established rates.

(5) A list of actions the Secretary has taken to address such feedback.

(6) Any legislative, regulatory, or policy recommendations that are necessary to improve the overall medical readiness of Armed Forces.

(c) REPORT.—Not later than one year after the date of the enactment of this Act, the Secretary shall submit to the Committee on Armed Services of the House of Representatives and the Committee on the Armed Services of the Senate a report on the results of the study required under subsection (a).

(d) BRIEFING.—Not later than 60 days after the date on which the report required under subsection (c) is submitted to the Committee on Armed Services of the House of Representatives and the Committee on Armed Services of the Senate, the Secretary shall provide a briefing to such

committees on the results of the study required under subsection (a).

(e) COMPTROLLER GENERAL REVIEW AND REPORT.—Not later than 180 days after the date on which the report under subsection (c) is submitted to the Committee on Armed Services of the House of Representatives and the Committee on Armed Services of the Senate, the Comptroller General of the United States shall—

(1) review the report required under subsection (c); and

(2) submit to the Committee on Armed Services of the House of Representatives and the Committee on Armed Services of the Senate an assessment of—

(A) whether the results of the study required under subsection (a) are supported by the data and information examined in the study required under subsection (a); and

(B) the feasibility of any recommendations identified by the Secretary under subsection (b)(6).

(f) DEFINITIONS.—In this section:

(1) The term "established rate" means the payment amount determined by the Secretary pursuant to sections 1079(h)(1) and 1097b of title 10, United

States Code, and section 199.14 of title 32, Code of Federal Regulations.

(2) The term "covered mental health care provider" means a mental health care provider under TRICARE Prime and TRICARE Select in the East and West regions of the TRICARE program.

(3) The term "mental health care provider" means a psychiatrist, clinical psychologist, certified psychiatric nurse specialist, certified clinical social worker, certified marriage and family therapist, TRICARE certified mental health counselor, pastoral counselor under the supervision of a physician, and supervised mental health counselor under the supervision of a physician.

(4) The term locality means a geographic location—

(A) designated as a Prime Service Area under section 199.17(b)(1) of title 32, Code of Federal Regulations; and

(B) in which the Secretary entered into a contract under chapter 55 of title 10, United States Code, with a contractor under the TRICARE program to provide health care services to beneficiaries by TRICARE-authorized civilian health care providers.

(5) The terms "TRICARE Prime" and "TRICARE Select" have the meanings given those terms in section 1072 of title 10, United States Code.

TITLE VIII—ACQUISITION POLICY, ACQUISITION MANAGEMENT, AND RELATED MATTERS

Subtitle A—Streamlining of Defense Acquisition Statutes and Regulations

SEC. 800. EFFECTIVE DATES; COORDINATION OF AMENDMENTS.

(a) EFFECTIVE DATES.—

(1) PARTS I AND II.—Parts I and II of this subtitle, and the redesignations and amendments made by such parts, shall take effect on February 1, 2020.

(2) PART III.—Part III of this subtitle shall take effect on the date of the enactment of this Act.

(b) COORDINATION OF AMENDMENTS.—The redesignations and amendments made by part II of this subtitle shall be executed—

(1) before the amendments made by part I of this subtitle; and

(2) after any amendments made by any other provisions of this Act.

PART I—CONSOLIDATION OF DEFENSE ACQUISITION STATUTES IN NEW PART V OF SUBTITLE A OF TITLE 10, UNITED STATES CODE

SEC. 801. FRAMEWORK FOR NEW PART V OF SUBTITLE A.

(a) IN GENERAL.—Subtitle A of title 10, United States Code, is amended by adding at the end the following new part:

"PART V—ACQUISITION

"Chap. *Sec.*

"SUBPART A—GENERAL

"201. Definitions *3001*
"203. General Matters *3021*
"205. Defense Acquisition System *3051*
"207. Budgeting and Appropriations Matters *3101*
"209. Overseas Contingency Operations *3151*

"SUBPART B—ACQUISITION PLANNING

"221. Planning and Solicitation Generally *3201*
"223. Planning and Solicitation Relating to Particular Items or Services *3251*

"SUBPART C—CONTRACTING METHODS AND CONTRACT TYPES

"241. Awarding of Contracts *3301*
"243. Specific Types of Contracts *3351*
"245. Task and Delivery Order Contracts (Multiple Award Contracts) *3401*
"247. Acquisition of Commercial Items *3451*
"249. Multiyear Contracts *3501*
"251. Simplified Acquisition Procedures *3551*
"253. Emergency and Rapid Acquisitions *3601*
"255. Contracting With or Through Other Agencies *3651*

"SUBPART D—GENERAL CONTRACTING REQUIREMENTS

"271. Truthful Cost or Pricing Data *3701*
"273. Allowable Costs *3741*
"275. Proprietary Contractor Data and Technical Data *3771*
"277. Contract Financing *3801*
"279. Contractor Audits and Accounting *3841*
"281. Claims and Disputes *3861*
"283. Foreign Acquisitions *3881*
"285. Small Business Programs *3901*
"287. Socioeconomic Programs *3961*

"SUBPART E—SPECIAL CATEGORIES OF CONTRACTING: MAJOR DEFENSE ACQUISITION PROGRAMS AND MAJOR SYSTEMS

"301. Major Defense Acquisition Programs 4001
"303. Weapon Systems Development and Related Matters 4071
"305. Other Matters Relating to Major Systems 4121

"SUBPART F—SPECIAL CATEGORIES OF CONTRACTING: RESEARCH, DEVELOPMENT, TEST, AND EVALUATION

"321. Research and Development Generally 4201
"323. Innovation 4301
"325. Department of Defense Laboratories 4351
"327. Research and Development Centers and Facilities 4401
"329. Operational Test and Evaluation; Developmental Test and Evaluation 4451

"SUBPART G—OTHER SPECIAL CATEGORIES OF CONTRACTING

"341. Contracting for Performance of Civilian Commercial or Industrial Type Functions 4501
"343. Acquisition of Services 4541
"345. Acquisition of Information Technology 4571

"SUBPART H—CONTRACT MANAGEMENT

"361. Contract Administration 4601
"363. Prohibitions and Penalties 4651
"365. Contractor Workforce 4701
"367. Other Administrative and Miscellaneous Provisions 4751

"SUBPART I—DEFENSE INDUSTRIAL BASE

"381. Defense Industrial Base Generally 4801
"383. Loan Guarantee Programs 4861
"385. Procurement Technical Assistance Cooperative Agreement Program 4881

"Subpart A—General

"CHAPTER 201—DEFINITIONS

"SEC. 3001. [RESERVED].

[Reserved]

"CHAPTER 203—GENERAL MATTERS

"SEC. 3021. [RESERVED].

[Reserved]

"CHAPTER 205—DEFENSE ACQUISITION SYSTEM

"SEC. 3051. [RESERVED].

[Reserved]

"CHAPTER 207—BUDGETING AND APPROPRIATIONS MATTERS

"SEC. 3101. [RESERVED].

[Reserved]

"CHAPTER 209—OVERSEAS CONTINGENCY OPERATIONS

"SEC. 3151. [RESERVED].

[Reserved]

"Subpart B—Acquisition Planning

"CHAPTER 221—PLANNING AND SOLICITATION GENERALLY

"SEC. 3201. [RESERVED].

[Reserved]

"CHAPTER 223—PLANNING AND SOLICITATION RELATING TO PARTICULAR ITEMS OR SERVICES

"SEC. 3251. [RESERVED].

[Reserved]

"Subpart C—Contracting Methods and Contract Types

"CHAPTER 241—AWARDING OF CONTRACTS

"SEC. 3301. [RESERVED].

[*Reserved****]***

"CHAPTER 243—SPECIFIC TYPES OF CONTRACTS

"SEC. 3351. [RESERVED].

[*Reserved****]***

"CHAPTER 245—TASK AND DELIVERY ORDER CONTRACTS (MULTIPLE AWARD CONTRACTS)

"SEC. 3401. [RESERVED].

[*Reserved****]***

"CHAPTER 247—ACQUISITION OF COMMERCIAL ITEMS

"SEC. 3451. [RESERVED].

[*Reserved****]***

"CHAPTER 249—MULTIYEAR CONTRACTS

"SEC. 3501. [RESERVED].

[*Reserved****]***

"CHAPTER 251—SIMPLIFIED ACQUISITION PROCEDURES

"SEC. 3551. [RESERVED].

[*Reserved****]***

"CHAPTER 253—EMERGENCY AND RAPID ACQUISITIONS

"SEC. 3601. [RESERVED].

[Reserved]

"CHAPTER 255—CONTRACTING WITH OR THROUGH OTHER AGENCIES

"SEC. 3651. [RESERVED].

[Reserved]

"Subpart D—General Contracting Requirements

"CHAPTER 271—TRUTHFUL COST OR PRICING DATA

"SEC. 3701. [RESERVED].

[Reserved]

"CHAPTER 273—ALLOWABLE COSTS

"SEC. 3741. [RESERVED].

[Reserved]

"CHAPTER 275—PROPRIETARY CONTRACTOR DATA AND TECHNICAL DATA

"SEC. 3771. [RESERVED].

[Reserved]

"CHAPTER 277—CONTRACT FINANCING

"SEC. 3801. [RESERVED].

[Reserved]

"CHAPTER 279—CONTRACTOR AUDITS AND ACCOUNTING

"SEC. 3841. [RESERVED].

[*Reserved****]***

"CHAPTER 281—CLAIMS AND DISPUTES

"SEC. 3861. [RESERVED].

[*Reserved****]***

"CHAPTER 283—FOREIGN ACQUISITIONS

"SEC. 3881. [RESERVED].

[*Reserved****]***

"CHAPTER 285—SMALL BUSINESS PROGRAMS

"SEC. 3901. [RESERVED].

[*Reserved****]***

"CHAPTER 287—SOCIOECONOMIC PROGRAMS

"SEC. 3961. [RESERVED].

[*Reserved****]***

"Subpart E—Special Categories of Contracting: Major Defense Acquisition Programs and Major Systems

"CHAPTER 301—MAJOR DEFENSE ACQUISITION PROGRAMS

"SEC. 4001. [RESERVED].

[*Reserved****]***

"CHAPTER 303—WEAPON SYSTEMS DEVELOPMENT AND RELATED MATTERS

"SEC. 4071. [RESERVED].

[*Reserved****]***

"CHAPTER 305—OTHER MATTERS RELATING TO MAJOR SYSTEMS

"SEC. 4121. [RESERVED].

[*Reserved****]***

"Subpart F—Special Categories of Contracting: Research, Development, Test, and Evaluation

"CHAPTER 321—RESEARCH AND DEVELOPMENT GENERALLY

"SEC. 4201. [RESERVED].

[*Reserved****]***

"CHAPTER 323—INNOVATION

"SEC. 4301. [RESERVED].

[*Reserved****]***

"CHAPTER 325—DEPARTMENT OF DEFENSE LABORATORIES

"SEC. 4351. [RESERVED].

[*Reserved****]***

"CHAPTER 327—RESEARCH AND DEVELOPMENT CENTERS AND FACILITIES

"SEC. 4401. [RESERVED].

[*Reserved****]***

"CHAPTER 329—OPERATIONAL TEST AND EVALUATION; DEVELOPMENTAL TEST AND EVALUATION

"SEC. 4451. [RESERVED].

[*Reserved****]***

"Subpart G—Other Special Categories Of Contracting

"CHAPTER 341—CONTRACTING FOR PERFORMANCE OF CIVILIAN COMMERCIAL OR INDUSTRIAL TYPE FUNCTIONS

"SEC. 4501. [RESERVED].

[*Reserved****]***

"CHAPTER 343—ACQUISITION OF SERVICES

"SEC. 4541. [RESERVED].

[*Reserved****]***

"CHAPTER 345—ACQUISITION OF INFORMATION TECHNOLOGY

"SEC. 4571. [RESERVED].

[*Reserved****]***

"Subpart H—Contract Management

"CHAPTER 361—CONTRACT ADMINISTRATION

"SEC. 4601. [RESERVED].

[*Reserved****]***

"CHAPTER 363—PROHIBITIONS AND PENALTIES

"SEC. 4651. [RESERVED].

[Reserved]

"CHAPTER 365—CONTRACTOR WORKFORCE

"SEC. 4701. [RESERVED].

[Reserved]

"CHAPTER 367—OTHER ADMINISTRATIVE AND MISCELLANEOUS PROVISIONS

"SEC. 4751. [RESERVED].

[Reserved]

"Subpart I—Defense Industrial Base

"CHAPTER 381—DEFENSE INDUSTRIAL BASE GENERALLY

"SEC. 4801. [RESERVED].

[Reserved]

"CHAPTER 383—LOAN GUARANTEE PROGRAMS

"SEC. 4861. [RESERVED].

[Reserved]

"CHAPTER 385—PROCUREMENT TECHNICAL ASSISTANCE COOPERATIVE AGREEMENT PROGRAM

"SEC. 4881. [RESERVED].

[Reserved]

(b) TABLE OF CHAPTERS AMENDMENT.—The table of chapters at the beginning of subtitle A is amended by adding at the end the following new items:

"PART V—ACQUISITION

"Chap. *Sec.*

"SUBPART A—GENERAL

"201. Definitions *3001*
"203. General Matters *3021*
"205. Defense Acquisition System *3051*
"207. Budgeting and Appropriations Matters *3101*
"209. Overseas Contingency Operations *3151*

"SUBPART B—ACQUISITION PLANNING

"221. Planning and Solicitation Generally *3201*
"223. Planning and Solicitation Relating to Particular Items or Services *3251*

"SUBPART C—CONTRACTING METHODS AND CONTRACT TYPES

"241. Awarding of Contracts *3301*
"243. Specific Types of Contracts *3351*
"245. Task and Delivery Order Contracts (Multiple Award Contracts) *3401*
"247. Acquisition of Commercial Items *3451*
"249. Multiyear Contracts *3501*
"251. Simplified Acquisition Procedures *3551*
"253. Emergency and Rapid Acquisitions *3601*
"255. Contracting With or Through Other Agencies *3651*

"SUBPART D—GENERAL CONTRACTING REQUIREMENTS

"271. Truthful Cost or Pricing Data *3701*
"273. Allowable Costs *3741*
"275. Proprietary Contractor Data and Technical Data *3771*
"277. Contract Financing *3801*
"279. Contractor Audits and Accounting *3841*
"281. Claims and Disputes *3861*
"283. Foreign Acquisitions *3881*
"285. Small Business Programs *3901*
"287. Socioeconomic Programs *3961*

"SUBPART E—SPECIAL CATEGORIES OF CONTRACTING: MAJOR DEFENSE ACQUISITION PROGRAMS AND MAJOR SYSTEMS

"301. Major Defense Acquisition Programs 4001
"303. Weapon Systems Development and Related Matters 4071
"305. Other Matters Relating to Major Systems 4121

"SUBPART F—SPECIAL CATEGORIES OF CONTRACTING: RESEARCH, DEVELOPMENT, TEST, AND EVALUATION

"321. Research and Development Generally 4201
"323. Innovation 4301
"325. Department of Defense Laboratories 4351
"327. Research and Development Centers and Facilities 4401
"329. Operational Test and Evaluation; Developmental Test and Evaluation 4451

"SUBPART G—OTHER SPECIAL CATEGORIES OF CONTRACTING

"341. Contracting for Performance of Civilian Commercial or Industrial Type Functions 4501
"343. Acquisition of Services 4541
"345. Acquisition of Information Technology 4571

"SUBPART H—CONTRACT MANAGEMENT

"361. Contract Administration 4601
"363. Prohibitions and Penalties 4651
"365. Contractor Workforce 4701
"367. Other Administrative and Miscellaneous Provisions 4751

"SUBPART I—DEFENSE INDUSTRIAL BASE

"381. Defense Industrial Base Generally 4801
"383. Loan Guarantee Programs 4861
"385. Procurement Technical Assistance Cooperative Agreement Program 4881".

PART II—REDESIGNATION OF SECTIONS AND CHAPTERS OF SUBTITLES B, C, AND D TO PROVIDE ROOM FOR NEW PART V OF SUBTITLE A

SEC. 806. REDESIGNATION OF SECTIONS AND CHAPTERS OF SUBTITLE D OF TITLE 10, UNITED STATES CODE—AIR FORCE.

(a) SUBTITLE D, PART III, SECTION NUMBERS.—The sections in part III of subtitle D of title 10, United States Code, are redesignated as follows:

(1) CHAPTER 909.—Each section in chapter 909 is redesignated so that the number of the section, as redesignated, is the number equal to the previous number plus 50.

(2) CHAPTER 907.—Each section in chapter 907 is redesignated so that the number of the section, as redesignated, is the number equal to the previous number plus 70.

(3) CHAPTERS 901 AND 903.—Each section in chapter 901 and chapter 903 is redesignated so that the number of the section, as redesignated, is the number equal to the previous number plus 100.

(b) SUBTITLE D, PART II, SECTION NUMBERS.—The sections in part II of such subtitle are redesignated as follows:

(1) CHAPTER 831.—Section 8210 is redesignated as section 9110.

(2) CHAPTER 833.—Sections 8251, 8252, 8257, and 8258 are redesignated as sections 9131, 9132, 9137, and 9138, respectively.

(3) CHAPTER 835.—Sections 8281 and 8310 are redesignated as sections 9151 and 9160, respectively.

(4) CHAPTER 839.—Section 8446 is redesignated as section 9176.

(5) CHAPTER 841.—Sections 8491 and 8503 are redesignated as sections 9191 and 9203, respectively.

(6) CHAPTER 843.—Sections 8547 and 8548 are redesignated as sections 9217 and 9218, respectively.

(7) CHAPTER 845.—Sections 8572, 8575, 8579, 8581, and 8583 are redesignated as sections 9222, 9225, 9229, 9231, and 9233, respectively.

(8) CHAPTER 849.—Section 8639 is redesignated as section 9239.

(9) CHAPTER 853.—Sections 8681, 8684, and 8691 are redesignated as sections 9251, 9252, and 9253, respectively.

(10) CHAPTER 855.—Section 8723 is redesignated as section 9263.

(11) CHAPTER 857.—Each section in chapter 857 is redesignated so that the number of the section, as redesignated, is the number equal to the previous number plus 530.

(12) CHAPTER 861.—Section 8817 is redesignated as section 9307.

(13) CHAPTER 867.—Each section in chapter 867 is redesignated so that the number of the section, as redesignated, is the number equal to the previous number plus 400.

(14) CHAPTER 869.—Sections 8961, 8962, 8963, 8964, 8965, and 8966 are redesignated as sections 9341, 9342, 9343, 9344, 9345, and 9346, respectively.

(15) CHAPTER 871.—Sections 8991 and 8992 are redesignated as sections 9361 and 9362, respectively.

(16) CHAPTER 873.—Sections 9021, 9025, and 9027 are redesignated as sections 9371, 9375, and 9377, respectively.

(17) CHAPTER 875.—Section 9061 is redesignated as section 9381.

(c) SUBTITLE D, PART I, SECTION NUMBERS.—Each section in part I of such subtitle is redesignated so that the number of the section, as redesignated, is the number equal to the previous number plus 1,000.

(d) SUBTITLE D CHAPTER NUMBERS.—

(1) PART IV CHAPTER NUMBERS.—Each chapter in part IV of such subtitle is redesignated so that the number of the chapter, as redesignated, is the number equal to the previous number plus 30.

(2) PART III CHAPTER NUMBERS.—Each chapter in part III of such subtitle is redesignated so that the number of the chapter, as redesignated, is the number equal to the previous number plus 50.

(3) PART II CHAPTER NUMBERS.—

(A) IN GENERAL.—Except as provided in subparagraph (B), each chapter in part II of such subtitle is redesignated so that the number of the chapter, as redesignated, is the number equal to the previous number plus 80.

(B) OTHER CHAPTERS.—

(i) Chapter 861 is redesignated as chapter 939.

(ii) Chapters 867, 869, 871, 873, and 875 are each redesignated so that the number of the chapter, as redesignated, is the number equal to the previous number plus 74.

(4) PART I CHAPTER NUMBERS.—Each chapter in part I of such subtitle is redesignated so that the number of the chapter, as redesignated, is the number equal to the previous number plus 100.

(e) SUBTITLE D TABLES OF SECTIONS AND TABLES OF CHAPTERS.—

(1) TABLES OF SECTIONS.—The tables of sections at the beginning of the chapters of such subtitle are revised so as to conform the section references in those tables to the redesignations made by subsections (a), (b), and (c).

(2) TABLES OF CHAPTERS.—The table of chapters at the beginning of such subtitle, and the tables of chapters at the beginning of each part of such subtitle, are revised so as to conform the chapter references and section references in those tables to the redesignations made by this section.

SEC. 807. REDESIGNATION OF SECTIONS AND CHAPTERS OF SUBTITLE C OF TITLE 10, UNITED STATES CODE—NAVY AND MARINE CORPS.

(a) SUBTITLE C, PART I, SECTION NUMBERS.—

(1) IN GENERAL.—Except as provided in paragraph (2), each section in part I of subtitle C of title 10, United States Code, is redesignated so that the number of the section, as redesignated, is the number equal to the previous number plus 3,000.

(2) CHAPTER 513.—For sections in chapter 513, each section is redesignated so that the number of the section, as redesignated, is the number equal to the previous number plus 2,940.

(b) SUBTITLE C, PART II, SECTION NUMBERS.—The sections in part II of such subtitle are redesignated as follows:

(1) CHAPTER 533.—Sections 5441, 5450, and 5451 are redesignated as sections 8101, 8102, and 8103, respectively.

(2) CHAPTER 535.—Sections 5501, 5502, 5503, and 5508 are redesignated as sections 8111, 8112, 8113, and 8118, respectively.

(3) CHAPTER 537.—Section 5540 is redesignated as section 8120.

(4) CHAPTER 539.—Sections 5582, 5585, 5587, 5587a, 5589, and 5596 are redesignated as sections 8132, 8135, 8137, 8138, 8139, and 8146, respectively.

(5) CHAPTER 544.—Section 5721 is redesignated as section 8151.

(6) CHAPTER 551.—Each section in chapter 551 is redesignated so that the number of the section, as redesignated, is the number equal to the previous number plus 2,220.

(7) CHAPTER 553.—Sections 5983, 5985, and 5986 are redesignated as sections 8183, 8185, and 8186, respectively.

(8) CHAPTER 555.—The sections in chapter 555 are redesignated as follows:

Section	***Redesignated Section***
6011	*8211*
6012	*8212*
6013	*8213*
6014	*8214*
6019	*8215*

Section	***Redesignated Section***
6021	*8216*
6022	*8217*
6024	*8218*
6027	*8219*
6029	*8220*
6031	*8221*
6032	*8222*
6035	*8225*
6036	*8226*

(9) CHAPTER 557.—Each section in chapter 557 is redesignated so that the number of the section, as redesignated, is the number equal to the previous number plus 2,160.

(10) CHAPTER 559.—Section 6113 is redesignated as section 8253.

(11) CHAPTER 561.—The sections in chapter 561 are redesignated as follows:

Section	***Redesignated Section***
6141	*8261*
6151	*8262*
6152	*8263*
6153	*8264*
6154	*8265*
6155	*8266*
6156	*8267*

Section	*Redesignated Section*
6160	*8270*
6161	*8271*

(12) CHAPTER 563.—Sections 6201, 6202, and 6203 are redesignated as sections 8281, 8282, and 8283, respectively.

(13) CHAPTER 565.—Sections 6221 and 6222 are redesignated as sections 8286 and 8287, respectively.

(14) CHAPTER 567.—Each section in chapter 567 is redesignated so that the number of the section, as redesignated, is the number equal to the previous number plus 2,050.

(15) CHAPTER 569.—Section 6292 is redesignated as section 8317.

(16) CHAPTER 571.—Each section in chapter 571 is redesignated so that the number of the section, as redesignated, is the number equal to the previous number plus 2,000.

(17) CHAPTER 573.—Sections 6371, 6383, 6389, 6404, and 6408 are redesignated as sections 8371, 8372, 8373, 8374, and 8375, respectively.

(18) CHAPTER 575.—Sections 6483, 6484, 6485, and 6486 are redesignated as sections 8383, 8384, 8385, and 8386, respectively.

(19) CHAPTER 577.—Section 6522 is redesignated as section 8392.

(c) SUBTITLE C, PART III, SECTION NUMBERS.—

(1) IN GENERAL.—Except as provided in paragraph (2), each section in part III of such subtitle is redesignated so that the number of the section, as redesignated, is the number equal to the previous number plus 1,500.

(2) CHAPTER 609.—Sections 7101, 7102, 7103, and 7104 are redesignated as sections 8591, 8592, 8593, and 8594, respectively.

(d) SUBTITLE C, PART IV, SECTION NUMBERS.—The sections in part IV of such subtitle are redesignated as follows:

(1) CHAPTER 631.—Each section in chapter 631 is redesignated so that the number of the section, as redesignated, is the number equal to the previous number plus 1,400.

(2) CHAPTER 633.—Each section in chapter 633 is redesignated so that the number of the section, as redesignated, is the number equal to the previous number plus 1,370.

(3) CHAPTER 637.—Sections 7361, 7362, 7363, and 7364 are redesignated as sections 8701, 8702, 8703, and 8704, respectively.

(4) CHAPTER 639.—Sections 7395 and 7396 are redesignated as sections 8715 and 8716, respectively.

(5) CHAPTER 641.—Each section in chapter 641 is redesignated so that the number of the section, as redesignated, is the number equal to the previous number plus 1,300.

(6) CHAPTER 643.—Sections 7472, 7473, 7476, 7477, 7478, 7479, and 7480 are redesignated as sections 8742, 8743, 8746, 8747, 8748, 8749, and 8750, respectively.

(7) CHAPTER 645.—Sections 7522, 7523, and 7524 are redesignated as sections 8752, 8753, and 8754, respectively.

(8) CHAPTER 647.—The sections in chapter 647 are redesignated as follows:

Section	***Redesignated Section***
7541	*8761*
7541a	*8761a*
7541b	*8761b*
7542	*8762*
7543	*8763*
7544	*8764*
7545	*8745*
7546	*8746*
7577	*8747*

(9) CHAPTERS 649, 651, 653, AND 655.—Each section in chapters 649, 651, 653, and 655 is redesignated so that the number of the section, as redesignated, is the number equal to the previous number plus 1,200.

(10) CHAPTER 657.—Each section in chapter 657 is redesignated so that the number of the section, as redesignated, is the number equal to the previous number plus 1,170.

(11) CHAPTER 659.—Sections 7851, 7852, 7853, and 7854 are redesignated as sections 8901, 8902, 8903, and 8904, respectively.

(12) CHAPTER 661.—Sections 7861, 7862, and 7863 are redesignated as sections 8911, 8912, and 8913, respectively.

(13) CHAPTER 663.—Section 7881 is redesignated as section 8921.

(14) CHAPTER 665.—Sections 7901, 7902, and 7903 are redesignated as sections 8931, 8932, and 8933, respectively.

(15) CHAPTER 667.—Sections 7912 and 7913 are redesignated as sections 8942 and 8943, respectively.

(16) CHAPTER 669.—Section 7921 is redesignated as section 8951.

(e) SUBTITLE C CHAPTER NUMBERS.—

(1) PART I CHAPTER NUMBERS.—Each chapter in part I of such subtitle is redesignated so that the number of the chapter, as redesignated, is the number equal to the previous number plus 300, except that chapter 513 is redesignated as chapter 809.

(2) PART II CHAPTER NUMBERS.—

(A) IN GENERAL.—Except as provided in subparagraph (B), each chapter in part II of such subtitle is redesignated so that the number of the chapter, as redesignated, is the number equal to the previous number plus 270.

(B) OTHER CHAPTERS.—Chapter 533 is redesignated as chapter 811, chapter 535 is redesignated as chapter 812, chapter 537 is redesignated as chapter 813, chapter 539 is redesignated as chapter 815, and chapter 544 is redesignated as chapter 817.

(3) PART III CHAPTER NUMBERS.—Each chapter in part III of such subtitle is redesignated so that the number of the chapter, as redesignated, is the number equal to the previous number plus 250.

(4) PART IV CHAPTER NUMBERS.—Each chapter in part IV of such subtitle is redesignated so that the number of the chapter, as redesignated, is the number equal to the previous number plus 228, except that

chapter 631 is redesignated as chapter 861 and chapter 633 is redesignated as chapter 863.

(f) SUBTITLE C TABLES OF SECTIONS AND TABLES OF CHAPTERS.—

(1) TABLES OF SECTIONS.—The table of sections at the beginning of each chapter of such subtitle is revised so as to conform the section references in the table to the redesignations made by subsections (a), (b), (c), and (d).

(2) TABLES OF CHAPTERS.—The table of chapters at the beginning of such subtitle, and the tables of chapters at the beginning of each part of such subtitle, are revised so as to conform the chapter references and section references in those tables to the redesignations made by this section.

SEC. 808. REDESIGNATION OF SECTIONS AND CHAPTERS OF SUBTITLE B OF TITLE 10, UNITED STATES CODE—ARMY.

(a) SUBTITLE B, PART I, SECTION NUMBERS.—Each section in part I of subtitle B of title 10, United States Code, is redesignated so that the number of the section, as redesignated, is the number equal to the previous number plus 4,000.

(b) SUBTITLE B, PART II, SECTION NUMBERS.—The sections in part II of such subtitle are redesignated as follows:

(1) CHAPTER 331.—Section 3210 is redesignated as section 7110.

(2) CHAPTER 333.—Sections 3251, 3258, and 3262 are redesignated as sections 7131, 7138, and 7142, respectively.

(3) CHAPTER 335.—Sections 3281, 3282, 3283, and 3310 are redesignated as sections 7151, 7152, 7153, and 7160, respectively.

(4) CHAPTER 339.—Section 3446 is redesignated as sections 7176.

(5) CHAPTER 341.—Sections 3491 and 3503 are redesignated as sections 7191 and 7203, respectively.

(6) CHAPTER 343.—Sections 3533, 3534, 3536, 3547 and 3548 are redesignated as sections 7213, 7214, 7316, 7217, and 7218, respectively.

(7) CHAPTER 345.—Sections 3572, 3575, 3579, 3581, and 3583 are redesignated as sections 7222, 7225, 7229, 7231, and 7233, respectively.

(8) CHAPTER 349.—Section 3639 is redesignated as section 7239.

(9) CHAPTER 353.—Sections 3681, 3684, and 3691 are redesignated as sections 7251, 7252, and 7253, respectively.

(10) CHAPTER 355.—Section 3723 is redesignated as section 7263.

(11) CHAPTER 357.—Each section in chapter 357 is redesignated so that the number of the section, as redesignated, is the number equal to the previous number plus 3,530.

(12) CHAPTER 367.—Each section in chapter 367 is redesignated so that the number of the section, as redesignated, is the number equal to the previous number plus 3,400.

(13) CHAPTER 369.—Sections 3961, 3962, 3963, 3964, 3965, and 3966 are redesignated as sections 7341, 7342, 7343, 7344, 7345, and 7346, respectively.

(14) CHAPTER 371.—Sections 3991 and 3992 are redesignated as sections 7361 and 7362, respectively.

(15) CHAPTER 373.—Sections 4021, 4024, 4025, and 4027 are redesignated as sections 7371, 7374, 7375, and 7377, respectively.

(16) CHAPTER 375.—Section 4061 is redesignated as section 7381.

(c) SUBTITLE B, PART III, SECTION NUMBERS.—

(1) IN GENERAL.—Except as provided in paragraph (2), each section in part III of such subtitle is redesignated so that the number of the section, as redesignated, is the number equal to the previous number plus 3,100.

(2) CHAPTER 407.—Each section in chapter 407 is redesignated so that the number of the section, as redesignated, is the number equal to the previous number plus 3,070.

(d) SUBTITLE B, PART IV, SECTION NUMBERS.—Each section in part IV of such subtitle is redesignated so that the number of the section, as redesignated, is the number equal to the previous number plus 3,000.

(e) SUBTITLE B CHAPTER NUMBERS.—

(1) PART I CHAPTER NUMBERS.—Each chapter in part I of such subtitle is redesignated so that the number of the chapter, as redesignated, is the number equal to the previous number plus 400.

(2) PART II CHAPTER NUMBERS.—

(A) IN GENERAL.—Except as provided in subparagraph (B), each chapter in part II of such subtitle is redesignated so that the number of the chapter, as redesignated, is the number equal to the previous number plus 380.

(B) OTHER CHAPTERS.—Chapters 367, 369, 371, 373, and 375 are each redesignated so that the number of the chapter, as redesignated, is the number equal to the previous number plus 374.

(3) PART III CHAPTER NUMBERS.—Each chapter in part III of such subtitle is redesignated so that the number of the chapter, as redesignated, is the number equal to the previous number plus 350.

(4) PART IV CHAPTER NUMBERS.—Each chapter in part IV of such subtitle is redesignated so that the number of the chapter, as redesignated, is the number equal to the previous number plus 330.

(f) SUBTITLE B TABLES OF SECTIONS AND TABLES OF CHAPTERS.—

(1) TABLES OF SECTIONS.—The table of sections at the beginning of each chapter of such subtitle is revised so as to conform the section references in the table to the redesignations made by subsections (a), (b), (c), and (d).

(2) TABLES OF CHAPTERS.—The table of chapters at the beginning of such subtitle, and the tables of chapters at the beginning of each part of such subtitle, are revised so as to conform the chapter references and section references in those tables to the redesignations made by this section.

SEC. 809. CROSS REFERENCES TO REDESIGNATED SECTIONS AND CHAPTERS.

(a) AMENDMENTS TO REFERENCES IN TITLE 10.—Each provision of title 10, United States Code (including the table of subtitles preceding subtitle A), that contains a reference to a section or chapter redesignated by this subtitle is amended so that the reference refers to the number of the section or chapter as redesignated.

(b) DEEMING RULE FOR OTHER REFERENCES.—Any reference in a provision of law other than title 10, United States Code, to a section or chapter redesignated by this subtitle shall be deemed to refer to the section or chapter as so redesignated.

PART III—REPEALS OF CERTAIN PROVISIONS OF DEFENSE ACQUISITION LAW

SEC. 811. AMENDMENT TO AND REPEAL OF STATUTORY REQUIREMENTS FOR CERTAIN POSITIONS OR OFFICES IN THE DEPARTMENT OF DEFENSE.

(a) AMENDMENT TO STATUTORY REQUIREMENT FOR DIRECTOR OF CORROSION POLICY AND OVERSIGHT.—

(1) IN GENERAL.—Section 2228 of title 10, United States Code, is amended—

(A) by amending subsection (a) to read as follows:

"(a) ESTABLISHMENT.—There is established an Office of Corrosion Policy and Oversight within the Department

of Defense, which shall be headed by a Director of Corrosion Policy and Oversight.";

(B) by striking subsections (b) and (c);

(C) by redesignating subsections (d), (e), and (f) as subsections (b), (c), and (d), respectively; and

(D) in subsection (c) (as so resdesignated), by striking "subsection (d)" each place it appears and inserting "subsection (b)".

(2) CONFORMING AMENDMENT.—Section 1067 of the Bob Stump National Defense Authorization Act for Fiscal Year 2003 (Public Law 107–314; 116 Stat. 2658, 2659; 10 U.S.C. 2228 note) is amended by striking subsections (b), (c), (d), and (e).

(b) REPEAL OF STATUTORY REQUIREMENT FOR DIRECTOR OF THE OFFICE OF PERFORMANCE ASSESSMENT AND ROOT CAUSE ANALYSIS.—

(1) REPEAL.—

(A) IN GENERAL.—Section 2438 of title 10, United States Code, is repealed.

(B) CLERICAL AMENDMENT.—The table of sections at the beginning of chapter 144 of such title is amended by striking the item relating to section 2438.

(2) CONFORMING AMENDMENTS.—

(A) Section 131(b)(9) of such title is amended by striking subparagraph (I).

(B) Section 2548(a) of such title is amended by striking ", the Director of Procurement and Acquisition Policy, and the Director of the Office of Performance Assessment and Root Cause Analysis," and inserting "and the Director of Procurement and Acquisition Policy".

(C) Section 882 of the Ike Skelton National Defense Authorization Act for Fiscal Year 2011 (Public Law 111–383; 10 U.S.C. 2222 note) is amended by striking subsection (a).

(c) REPEAL OF STATUTORY REQUIREMENT FOR OFFICE OF TECHNOLOGY TRANSITION.—

(1) REPEAL.—Section 2515 of title 10, United States Code, is repealed.

(2) CLERICAL AMENDMENT.—The table of sections at the beginning of subchapter III of chapter 148 of such title is amended by striking the item relating to section 2515.

(d) REPEAL OF STATUTORY REQUIREMENT FOR OFFICE FOR FOREIGN DEFENSE CRITICAL TECHNOLOGY MONITORING AND ASSESSMENT.—

(1) REPEAL.—Section 2517 of title 10, United States Code, is repealed.

(2) CLERICAL AMENDMENT.—The table of sections at the beginning of subchapter III of chapter 148 of such title is amended by striking the item relating to section 2517.

(e) REPEAL OF STATUTORY REQUIREMENT FOR SMALL BUSINESS OMBUDSMAN FOR DEFENSE CONTRACT AUDIT AGENCY AND DEFENSE CONTRACT MANAGEMENT AGENCY.—

(1) REPEAL.—Section 204 of title 10, United States Code, is repealed.

(2) CLERICAL AMENDMENT.—The table of sections at the beginning of subchapter II of chapter 8 of such title is amended by striking the item relating to section 204.

(f) REPEAL OF STATUTORY REQUIREMENT FOR DEFENSE LOGISTICS AGENCY ADVOCATE FOR COMPETITION.—

(1) REPEAL.—Section 2318 of title 10, United States Code, is amended—

(A) by striking subsection (a); and

(B) by striking "(b)" before "Each advocate".

(2) TECHNICAL AMENDMENTS.—Such section is further amended—

(A) by striking "advocate for competition of" and inserting "advocate for competition des-

ignated pursuant to section 1705(a) of title 41 for"; and

(B) by striking "a grade GS–16 or above under the General Schedule (or in a comparable or higher position under another schedule)" and inserting "in a position classified above GS–15 pursuant to section 5108 of title 5".

(g) SUNSET FOR STATUTORY DESIGNATION OF SENIOR DEPARTMENT OF DEFENSE OFFICIAL WITH PRINCIPAL RESPONSIBILITY FOR DIRECTED ENERGY WEAPONS.—Section 219 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114–328; 10 U.S.C. 2431 note) is amended by adding at the end the following new subsection:

"(d) SUNSET.—The provisions of subsection (a) and of paragraphs (2) and (3) of subsection (b) shall cease to be in effect as of September 30, 2022.".

(h) REPEAL OF STATUTORY REQUIREMENT FOR DESIGNATION OF INDIVIDUAL TO SERVE AS PRIMARY LIAISON BETWEEN THE PROCUREMENT AND RESEARCH AND DEVELOPMENT ACTIVITIES OF THE UNITED STATES ARMED FORCES AND THOSE OF THE STATE OF ISRAEL.—Section 1006 of the National Defense Authorization Act, Fiscal Year 1989 (Public Law 100–456; 102 Stat. 2040; 10 U.S.C. 133a note) is repealed.

(i) REPEAL OF STATUTORY REQUIREMENT FOR DESIGNATION OF SENIOR OFFICIAL TO COORDINATE AND MANAGE HUMAN SYSTEMS INTEGRATION ACTIVITIES RELATED TO ACQUISITION PROGRAMS.—Section 231 of the National Defense Authorization Act for Fiscal Year 2008 (Public Law 110–181; 122 Stat. 45; 10 U.S.C. 1701 note) is amended—

(1) by striking "(a) IN GENERAL.—"; and

(2) by striking subsections (b), (c), and (d).

(j) REPEAL OF STATUTORY REQUIREMENT FOR DESIGNATION OF SENIOR OFFICIAL RESPONSIBLE FOR FOCUS ON URGENT OPERATIONAL NEEDS AND RAPID ACQUISITION.—Section 902 of the National Defense Authorization Act for Fiscal Year 2013 (Public Law 112–239; 126 Stat. 1865; 10 U.S.C. 2302 note) is repealed.

(k) REPEAL OF STATUTORY REQUIREMENT FOR DESIGNATION OF SENIOR OFFICIAL RESPONSIBLE FOR DUAL-USE PROJECTS UNDER DUAL-USE SCIENCE AND TECHNOLOGY PROGRAM.—Section 203 of the National Defense Authorization Act for Fiscal Year 1998 (Public Law 105–85; 10 U.S.C. 2511 note) is amended by striking subsection (c).

(l) REPEAL OF STATUTORY REQUIREMENT FOR DESIGNATION OF SENIOR OFFICIAL AS EXECUTIVE AGENT FOR PRINTED CIRCUIT BOARD TECHNOLOGY.—Section 256 of

the National Defense Authorization Act for Fiscal Year 2009 (Public Law 110–417; 122 Stat. 4404; 10 U.S.C. 2501 note) is repealed.

SEC. 812. REPEAL OF CERTAIN DEFENSE ACQUISITION LAWS.

(a) TITLE 10, UNITED STATES CODE.—

(1) SECTION 167A.—

(A) REPEAL.—Section 167a of title 10, United States Code, is repealed.

(B) CLERICAL AMENDMENT.—The table of sections at the beginning of chapter 6 of such title is amended by striking the item relating to section 167a.

(C) CONFORMING AMENDMENT.—Section 905(a)(1) of the John Warner National Defense Authorization Act for Fiscal Year 2007 (Public Law 109–364; 10 U.S.C. 133a note) is amended by striking "166b, 167, or 167a" and inserting "166b or 167".

(2) SECTION 2323.—

(A) REPEAL.—Section 2323 of title 10, United States Code, is repealed.

(B) CLERICAL AMENDMENT.—The table of sections at the beginning of chapter 137 of such

title is amended by striking the item relating to section 2323.

(C) CONFORMING AMENDMENTS.—

(i) Section 853(c) of the National Defense Authorization Act for Fiscal Year 2004 (Public Law 108–136; 10 U.S.C. 2302 note) is amended by striking "section 2323 of title 10, United States Code, and".

(ii) Section 831(n) of the National Defense Authorization Act for Fiscal Year 1991 (Public Law 101–510; 10 U.S.C. 2302 note) is amended—

(I) in paragraph (4), by inserting ", as in effect on March 1, 2018" after "section 2323 of title 10, United States Code"; and

(II) in paragraph (6), by striking "section 2323 of title 10, United States Code, and".

(iii) Subsection (d) of section 811 of the National Defense Authorization Act for Fiscal Year 1994 (Public Law 103–160; 10 U.S.C. 2323 note) is repealed.

(iv) Section 8304(1) of the Federal Acquisition Streamlining Act of 1994 (10

U.S.C. 2375 note) is amended by striking "section 2323 of title 10, United States Code, or".

(v) Section 10004(a)(1) of the Federal Acquisition Streamlining Act of 1994 (41 U.S.C. 1122 note) is amended by striking "section 2323 of title 10, United States Code, or".

(vi) Section 2304(b)(2) of title 10, United States Code, is amended by striking "and concerns other than" and all that follows through "this title".

(vii) Section 2304e(b) of title 10, United States Code, is amended—

(I) by striking "other than—" and all that follows through "small" and inserting "other than small";

(II) by striking "; or" and inserting a period; and

(III) by striking paragraph (2).

(viii) Section 2323a(a) of title 10, United States Code, is amended by striking "section 2323 of this title and".

(ix) Section 15 of the Small Business Act (15 U.S.C. 644) is amended—

(I) in subsection (j)(3), by striking "section 2323 of title 10, United States Code,";

(II) in subsection (k)(10)—

(aa) by striking "or section 2323 of title 10, United States Code," and all that follows through "subsection (m),"; and

(bb) by striking "subsection (a)," and inserting "subsection (a) or"; and

(III) by amending subsection (m) to read as follows:

"(m) ADDITIONAL DUTIES OF PROCUREMENT CENTER REPRESENTATIVES.—All procurement center representatives (including those referred to in subsection (k)(6)), in addition to such other duties as may be assigned by the Administrator, shall increase, insofar as possible, the number and dollar value of procurements that may be used for the programs established under this section and section 8(a).".

(x) Section 1902(b)(1) of title 41, United States Code, is amended by striking ", section 2323 of title 10,".

(3) SECTION 2332.—

(A) REPEAL.—Section 2332 of title 10, United States Code, is repealed.

(B) CLERICAL AMENDMENT.—The table of sections at the beginning of chapter 137 of such title is amended by striking the item relating to section 2332.

(b) OTHER PROVISIONS OF LAW.—The following provisions of law are repealed:

(1) Section 801 of the Carl Levin and Howard P. "Buck" McKeon National Defense Authorization Act for Fiscal Year 2015 (Public Law 113–291; 10 U.S.C. 2223a note).

(2) Section 934 of the National Defense Authorization Act for Fiscal Year 2013 (Public Law 112–239; 10 U.S.C. 2223a note).

(3) Section 804 of the National Defense Authorization Act for Fiscal Year 2010 (Public Law 111–84; 10 U.S.C. 2223a note).

(4) Section 881 of the National Defense Authorization Act for Fiscal Year 2008 (Public Law 110–181; 10 U.S.C. 2223a note).

(5) Section 854 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114–328; 10 U.S.C. 2302 note).

(6) Section 804 of the National Defense Authorization Act for Fiscal Year 2013 (Public Law 112–239; 10 U.S.C. 2302 note).

(7) Section 829 of the National Defense Authorization Act for Fiscal Year 2013 (Public Law 112–239; 10 U.S.C. 2302 note).

(8) Section 818(g) of the National Defense Authorization Act for Fiscal Year 2012 (Public Law 112–81; 10 U.S.C. 2302 note).

(9) Section 815(b) of the National Defense Authorization Act for Fiscal Year 2008 (Public Law 110–181; 10 U.S.C. 2302 note).

(10) Section 812 of the John Warner National Defense Authorization Act for Fiscal Year 2007 (Public Law 109–364; 10 U.S.C. 2302 note).

(11) Section 817 of the National Defense Authorization Act for Fiscal Year 2006 (Public Law 109–163; 10 U.S.C. 2302 note).

(12) Section 141 of the Ronald W. Reagan National Defense Authorization Act for Fiscal Year 2005 (Public Law 108–375; 10 U.S.C. 2302 note).

(13) Section 801(b) of the National Defense Authorization Act for Fiscal Year 2004 (Public Law 108–136; 10 U.S.C. 2302 note).

(14) Section 805(a) of the National Defense Authorization Act for Fiscal Year 2004 (Public Law 108–136; 10 U.S.C. 2302 note).

(15) Section 352 of the Bob Stump National Defense Authorization Act for Fiscal Year 2003 (Public Law 107–314; 10 U.S.C. 2302 note).

(16) Section 326 of the National Defense Authorization Act for Fiscal Year 1993 (Public Law 102–484; 10 U.S.C. 2302 note).

(17) Section 9004 of the Department of Defense Appropriations Act, 1990 (Public Law 101–165; 10 U.S.C. 2302 note).

(18) Section 895 of the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114–92; 10 U.S.C. 2304 note).

(19) Section 802 of the Duncan Hunter National Defense Authorization Act for Fiscal Year 2009 (Public Law 110–417; 10 U.S.C. 2304 note).

(20) Section 821 of the National Defense Authorization Act for Fiscal Year 2008 (Public Law 110–181; 10 U.S.C. 2304 note).

(21) Section 813 of the John Warner National Defense Authorization Act for Fiscal Year 2007 (Public Law 109–364; 10 U.S.C. 2304 note).

(22) Section 391 of the National Defense Authorization Act for Fiscal Year 1998 (Public Law 105–85; 10 U.S.C. 2304 note).

(23) Section 927(b) of Public Laws 99–500, 99–591, and 99–661 (10 U.S.C. 2304 note).

(24) Section 1222(b) of the National Defense Authorization Act for Fiscal Year 1987 (Public Law 99–661; 10 U.S.C. 2304 note).

(25) Section 814(b) of the National Defense Authorization Act for Fiscal Year 2010 (Public Law 111–84; 10 U.S.C. 2304a note).

(26) Section 834 of the John Warner National Defense Authorization Act for Fiscal Year 2007 (Public Law 109–364; 10 U.S.C. 2304b note).

(27) Section 803 of the Strom Thurmond National Defense Authorization Act for Fiscal Year 1999 (Public Law 105–261; 10 U.S.C. 2306a note).

(28) Section 1075 of the National Defense Authorization Act for Fiscal Year 1995 (Public Law 103–337; 10 U.S.C. 2315 note).

(29) Section 824(a) of the Ike Skelton National Defense Authorization Act for Fiscal Year 2011 (Public Law 111–383; 10 U.S.C. 2320 note).

(30) Section 818 of the National Defense Authorization Act for Fiscal Year 1995 (Public Law 103–337; 10 U.S.C. 2324 note).

(31) Section 812 of the National Defense Authorization Act for Fiscal Year 2010 (Public Law 111–84; 10 U.S.C. 2326 note).

(32) Sections 908(a), (b), (c), and (e) of Public Laws 99–500, 99–591, and 99–661 (10 U.S.C. 2326 note).

(33) Section 882 of the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114–92; 10 U.S.C. 2330 note).

(34) Section 807 of the National Defense Authorization Act for Fiscal Year 2012 (Public Law 112–81; 10 U.S.C. 2330 note).

(35) Section 805 of the National Defense Authorization Act for Fiscal Year 2008 (Public Law 110–181; 10 U.S.C. 2330 note).

(36) Section 808 of the National Defense Authorization Act for Fiscal Year 2008 (Public Law 110–181; 10 U.S.C. 2330 note).

(37) Section 812(b)–(c) of the National Defense Authorization Act for Fiscal Year 2006 (Public Law 109–163; 10 U.S.C. 2330 note).

(38) Section 801(d)–(f) of the National Defense Authorization Act for Fiscal Year 2002 (Public Law 107–107; 10 U.S.C. 2330 note).

(39) Section 802 of the National Defense Authorization Act for Fiscal Year 2002 (Public Law 107–107; 10 U.S.C. 2330 note).

(40) Section 831 of the Duncan Hunter National Defense Authorization Act for Fiscal Year 2009 (Public Law 110–417; 10 U.S.C. 2330a note).

(41) Section 1032 of the Bob Stump National Defense Authorization Act for Fiscal Year 2003 (Public Law 107–314; 10 U.S.C. 2358 note).

(42) Section 241 of the Bob Stump National Defense Authorization Act for Fiscal Year 2003 (Public Law 107–314; 10 U.S.C. 2358 note).

(43) Section 606 of Public Law 92–436 (10 U.S.C. 2358 note).

(44) Section 913(b) of the National Defense Authorization Act for Fiscal Year 2000 (Public Law 106–65; 10 U.S.C. 2364 note).

(45) Sections 234(a) and (b) of the National Defense Authorization Act for Fiscal Year 1987 (Public Law 99–661; 10 U.S.C. 2364 note).

(46) Section 943(b) of the National Defense Authorization Act for Fiscal Year 2008 (Public Law 110–181; 10 U.S.C. 2366a note).

(47) Section 801 of the National Defense Authorization Act for Fiscal Year 1990 (Public Law 101–189; 10 U.S.C. 2399 note).

(48) Section 8133 of the Department of Defense Appropriations Act, 2000 (Public Law 106–79; 10 U.S.C. 2401a note).

(49) Section 807(b) of the John Warner National Defense Authorization Act for Fiscal Year 2007 (Public Law 109–364; 10 U.S.C. 2410p note).

(50) Section 825(c)(1)–(2) of the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114–92; 10 U.S.C. 2430 note).

(51) Section 1058 of the Carl Levin and Howard P. "Buck" McKeon National Defense Authorization Act for Fiscal Year 2015 (Public Law 113–291; 10 U.S.C. 2430 note).

(52) Section 837 of the National Defense Authorization Act for Fiscal Year 1994 (Public Law 103–160; 10 U.S.C. 2430 note).

(53) Section 838 of the National Defense Authorization Act for Fiscal Year 1994 (Public Law 103–160; 10 U.S.C. 2430 note).

(54) Section 809 of the National Defense Authorization Act for Fiscal Year 1991 (Public Law 101–510; 10 U.S.C. 2430 note).

(55) Section 833 of the National Defense Authorization Act for Fiscal Year 1994 (Public Law 103–160; 10 U.S.C. 2430 note).

(56) Section 839 of the National Defense Authorization Act for Fiscal Year 1994 (Public Law 103–160; 10 U.S.C. 2430 note).

(57) Section 819 of the National Defense Authorization Act for Fiscal Year 1995 (Public Law 103–337; 10 U.S.C. 2430 note).

(58) Section 5064 of the Federal Acquisition Streamlining Act of 1994 (Public Law 103–355; 10 U.S.C. 2430 note).

(59) Section 803 of the National Defense Authorization Act for Fiscal Year 1997 (Public Law 104–201; 10 U.S.C. 2430 note).

(60) Section 1215 of the Department of Defense Authorization Act, 1984 (Public Law 98–94; 10 U.S.C. 2452 note).

(61) Section 328 of the National Defense Authorization Act for Fiscal Year 2010 (Public Law 111–84; 10 U.S.C. 2458 note).

(62) Section 347 of the Strom Thurmond National Defense Authorization Act for Fiscal Year 1999 (Public Law 105–261; 10 U.S.C. 2458 note).

(63) Section 349 of the Strom Thurmond National Defense Authorization Act for Fiscal Year 1999 (Public Law 105–261; 10 U.S.C. 2458 note).

(64) Section 395 of the National Defense Authorization Act for Fiscal Year 1998 (Public Law 105–85; 10 U.S.C. 2458 note).

(65) Section 352 of the National Defense Authorization Act for Fiscal Year 1996 (Public Law 104–106; 10 U.S.C. 2458 note).

(66) Section 325 of the Ronald W. Reagan National Defense Authorization Act for Fiscal Year 2005 (Public Law 108–375; 10 U.S.C. 2461 note).

(67) Section 336 of the National Defense Authorization Act for Fiscal Year 2004 (Public Law 108–136; 10 U.S.C. 2461 note).

(68) Section 353(a) of the National Defense Authorization Act for Fiscal Year 1996 (Public Law 104–106; 10 U.S.C. 2461 note).

(69) Section 353(b) of the National Defense Authorization Act for Fiscal Year 1996 (Public Law 104–106; 10 U.S.C. 2461 note).

(70) Section 356 of the National Defense Authorization Act for Fiscal Year 1996 (Public Law 104–106; 10 U.S.C. 2461 note).

(71) Section 1010 of the USA Patriot Act of 2001 (Public Law 107–56; 10 U.S.C. 2465 note).

(72) Section 4101 of the National Defense Authorization Act for Fiscal Year 1993 (Public Law 102–484; 10 U.S.C. 2500 note).

(73) Section 852 of the National Defense Authorization Act for Fiscal Year 2012 (Public Law 112–81; 10 U.S.C. 2504 note).

(74) Section 823 of the National Defense Authorization Act for Fiscal Year 2004 (Public Law 108–136; 10 U.S.C. 2521 note).

(75) Section 823 of the Ike Skelton National Defense Authorization Act for Fiscal Year 2011 (Public Law 111–383; 10 U.S.C. 2533b note).

(76) Section 804(h) of the National Defense Authorization Act for Fiscal Year 2008 (Public Law 110–181; 10 U.S.C. 2533b note).

(77) Section 842(b) of the John Warner National Defense Authorization Act for Fiscal Year 2007 (Public Law 109–364; 10 U.S.C. 2533b note).

(78) Section 343 of the Floyd D. Spence National Defense Authorization Act for Fiscal Year 2001

(as enacted into law by Public Law 106–398; 10 U.S.C. 4551 note).

SEC. 813. REPEAL OF CERTAIN DEPARTMENT OF DEFENSE REPORTING REQUIREMENTS.

(a) AMENDMENTS TO TITLE 10, UNITED STATES CODE.—Title 10, United States Code, is amended as follows:

(1) SECTION 118A.—Section 118a is amended by striking subsection (d).

(2) SECTION 1116.—Section 1116 is amended by striking subsection (d).

(3) SECTION 2275.—

(A) REPEAL.—Section 2275 is repealed.

(B) CLERICAL AMENDMENT.—The table of sections at the beginning of chapter 135 is amended by striking the item relating to section 2275.

(4) SECTION 2276.—Section 2276 is amended by striking subsection (e).

(5) SECTION 10543.—

(A) REPEAL.—Section 10543 is repealed.

(B) CLERICAL AMENDMENT.—The table of sections at the beginning of chapter 1013 is amended by striking the item relating to section 10543.

(b) NDAA FOR FY 2007.—Section 122 of the John Warner National Defense Authorization Act for Fiscal Year 2007 (Public Law 109–364; 120 Stat. 2104), as amended by section 121 of the National Defense Authorization Act for Fiscal Year 2014 (Public Law 113–66; 127 Stat. 691), is amended by striking subsection (d).

(c) NDAA FOR FY 2008.—The National Defense Authorization Act for Fiscal Year 2008 (Public Law 110–181) is amended—

(1) in section 911(f) (10 U.S.C. 2271 note)—

(A) in the subsection heading, by striking "; BIENNIAL UPDATE";

(B) in paragraph (3), by striking ", and each update required by paragraph (2),"; and

(C) by striking paragraph (2) and redesignating paragraph (3) as paragraph (2); and

(2) in section 1107 (10 U.S.C. 2358 note)—

(A) in subsection (c), by striking "demonstration laboratory" and inserting "laboratory designated by the Secretary of Defense under the provisions of section 342(b) of the National Defense Authorization Act for Fiscal Year 1995 (Public Law 103–337; 108 Stat. 2721)"; and

(B) by striking subsections (d) and (e).

(d) NDAA FOR FY 2009.—Section 1047(d) of the Duncan Hunter National Defense Authorization Act for Fiscal Year 2009 (Public Law 110–417; 10 U.S.C. 2366b note) is amended—

(1) in the subsection heading, by striking "BANDWIDTH" and all that follows through "The Secretary" and inserting "BANDWIDTH REQUIREMENTS.—The Secretary"; and

(2) by striking paragraph (2).

(e) NDAA FOR FY 2010.—Section 1244 of the National Defense Authorization Act for Fiscal Year 2010 (Public Law 111–84; 22 U.S.C. 1928 note) is amended by striking subsection (d).

(f) NDAA FOR FY 2011.—Section 1217 of the Ike Skelton National Defense Authorization Act for Fiscal Year 2011 (Public Law 111–383; 22 U.S.C. 7513 note) is amended by striking subsection (i).

(g) NDAA FOR FY 2013.—The National Defense Authorization Act for Fiscal Year 2013 (Public Law 112–239) is amended—

(1) in section 524 (126 Stat. 1723; 10 U.S.C. 1222 note) by striking subsection (c); and

(2) in section 904(h) (10 U.S.C. 133 note)—

(A) by striking "REPORTS TO CONGRESS" and all that follows through "(3) ADDITIONAL

CONGRESSIONAL NOTIFICATION.—" and inserting "CONGRESSIONAL NOTIFICATION.—"; and

(B) by striking "Under Secretary of Defense for Acquisition, Technology, and Logistics" and inserting "Under Secretary of Defense for Research and Engineering".

(h) NDAA FOR FY 2015.—Section 1026(d) of the Carl Levin and Howard P. "Buck" McKeon National Defense Authorization Act for Fiscal Year 2015 (Public Law 113–291; 128 Stat. 3490) is repealed.

(i) MILITARY CONSTRUCTION AUTHORIZATION ACT, 1982.—Section 703 of the Military Construction Authorization Act, 1982 (Public Law 97–99; 95 Stat. 1376) is amended by striking subsection (g).

(j) CONFORMING AMENDMENTS.—

(1) NDAA FOR FY 2017.—Section 1061 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114–328; 10 U.S.C. 111 note) is amended—

(A) in subsection (c), by striking paragraphs (3), (28), (40), (41), and (63);

(B) in subsection (d), by striking paragraph (3);

(C) in subsection (f), by striking paragraphs (1) and (2);

(D) in subsection (g), by striking paragraph (3);

(E) in subsection (h), by striking paragraph (3); and

(F) in subsection (i), by striking paragraphs (17), (19), and (24).

(2) NDAA FOR FY 2000.—Section 1031 of the National Defense Authorization Act for Fiscal Year 2000 (Public Law 106–65; 113 Stat. 749; 31 U.S.C. 1113 note) is amended by striking paragraph (32).

Subtitle B—Amendments to General Contracting Authorities, Procedures, and Limitations

SEC. 821. CONTRACT GOAL FOR THE ABILITYONE PROGRAM.

(a) CONTRACT GOAL FOR THE ABILITYONE PROGRAM.—Chapter 137 of title 10, United States Code, is amended by inserting after section 2323a the following new section:

"§ 2323b. Contract goal for the AbilityOne program

"(a) GOAL.—The Secretary of Defense shall establish a goal for each fiscal year for the procurement of products and services from the procurement list established pursuant to section 8503 of title 41 of an amount equal to 1.5 percent of the total amount of funds obligated for contracts entered

into with the Department of Defense in such fiscal year for procurement.

"(b) ANNUAL REPORT.—At the conclusion of each fiscal year, the Secretary of Defense shall submit to the Committee for Purchase From People Who Are Blind or Severely Disabled (established under section 8502 of title 41) a report on the progress toward attaining the goal established under subsection (a) with respect to such fiscal year. The report shall include—

"(1) if the goal was not achieved, a plan to achieve the goal in the next fiscal year; and

"(2) if the goal was achieved, a strategy to exceed the goal in the next fiscal year.".

(b) CLERICAL AMENDMENT.—The table of sections at the beginning of such chapter is amended by inserting after the item relating to section 2323a the following new item:

"2323b. Contract goal for the AbilityOne program.".

SEC. 822. INCREASED MICRO-PURCHASE THRESHOLD APPLICABLE TO DEPARTMENT OF DEFENSE PROCUREMENTS.

(a) IN GENERAL.—Section 2338 of title 10, United States Code, is amended—

(1) by striking "Notwithstanding subsection (a) of section 1902 of title 41, the" and inserting "The"; and

(2) by striking "$5,000" and inserting "$10,000".

(b) CONFORMING AMENDMENTS.—

(1) REPEAL OF MICRO-PURCHASE THRESHOLD FOR CERTAIN DEPARTMENT OF DEFENSE ACTIVITIES.—

(A) IN GENERAL.—Section 2339 of title 10, United States Code, is repealed.

(B) CLERICAL AMENDMENT.—The table of sections at the beginning of chapter 137 of such title is amended by striking the item relating to section 2339.

(2) MICRO-PURCHASE THRESHOLD FOR NON-DEPARTMENT OF DEFENSE PURCHASES.—Section 1902(a)(1) of title 41, United States Code, is amended by striking "sections 2338 and 2339 of title 10 and".

SEC. 823. PREFERENCE FOR OFFERORS EMPLOYING VETERANS.

(a) IN GENERAL.—Chapter 137 of title 10, United States Code, is amended by adding at the end the following new section:

"§ 2339a. Preference for offerors employing veterans

"(a) PREFERENCE.—In awarding a contract for the procurement of goods or services for the Department of Defense, the head of an agency may establish a preference for

offerors that employ veterans on a full-time basis. The Secretary of Defense shall determine the criteria for use of such preference.

"(b) CONGRESSIONAL NOTIFICATION.—Prior to establishing the preference described in subsection (a), the Secretary of Defense shall provide a briefing to the Committee on Armed Services of the House of Representatives on—

"(1) a plan for implementing such preference, including—

"(A) penalties for an offeror that willfully and intentionally misrepresents the veteran status of the employees of the offeror in a bid submitted under subsection (a); and

"(B) reporting on use of such preference; and

"(2) the process for assessing and verifying offeror compliance with regulations relating to equal opportunity for veterans requirements.".

(b) CLERICAL AMENDMENT.—The table of sections at the beginning of such chapter is amended by inserting after the item relating to section 2339 the following new item:

"2339a. Preference for offerors employing veterans.".

SEC. 824. REVISION OF REQUIREMENT TO SUBMIT INFORMATION ON SERVICES CONTRACTS TO CONGRESS.

Section 2329(b) of title 10, United States Code, is amended—

(1) by striking "October 1, 2022" and inserting "October 1, 2020"; and

(2) in paragraph (1)—

(A) by striking "at or about" and inserting "at or before"; and

(B) by inserting "or on the date on which the future-years defense program is submitted to Congress under section 221 of this title" after "title 31";

(3) in paragraph (3), by striking "and" at the end;

(4) in paragraph (4), by striking the period at the end and inserting "; and"; and

(5) by adding at the end the following new paragraph:

"(5) be included in the future-years defense program submitted to Congress under section 221 of this title.".

SEC. 825. DATA COLLECTION AND INVENTORY FOR SERVICES CONTRACTS.

Section 2330a of title 10, United States Code, is amended—

(1) in subsection (a)—

(A) by striking "$3,000,000" and inserting "the simplified acquisition threshold";

(B) by striking "in the following service acquisition portfolio groups:" and inserting "in any service acquisition portfolio group."; and

(C) by striking paragraphs (1) through (4);

(2) in subsection (c)(1)—

(A) by striking "staff augmentation contracts" and inserting "services contracts"; and

(B) by striking "Under Secretary of Defense for Acquisition, Technology, and Logistics" each place it appears and inserting "Under Secretary of Defense for Acquisition and Sustainment"; and

(3) in subsection (h)—

(A) by striking paragraph (6); and

(B) by redesignating paragraphs (7) and (8) as paragraphs (6) and (7), respectively.

SEC. 826. COMPETITION REQUIREMENTS FOR PURCHASES FROM FEDERAL PRISON INDUSTRIES.

(a) COMPETITION REQUIREMENTS FOR PURCHASES FROM FEDERAL PRISON INDUSTRIES.—Subsections (a) and (b) of section 2410n of title 10, United States Code, are amended to read as follows:

"(a) MARKET RESEARCH.—Before purchasing a product listed in the latest edition of the Federal Prison Industries catalog published under section 4124(d) of title 18, the Secretary of Defense shall conduct market research to determine whether such product—

"(1) is comparable to products available from the private sector; and

"(2) best meets the needs of the Department of Defense in terms of price, quality, and time of delivery.

"(b) COMPETITION REQUIREMENT.—If the Secretary determines that a Federal Prison Industries product is not comparable to products available from the private sector and does not best meet the needs of the Department of Defense in terms of price, quality, or time of delivery pursuant to subsection (a), the Secretary shall use competitive procedures or make an individual purchase under a multiple award contract for the procurement of the product. In conducting such a competition or making such a purchase, the

Secretary shall consider a timely offer from Federal Prison Industries.".

(b) EFFECTIVE DATE.—The amendment made by subsection (a) shall take effect 60 days after the date of the enactment of this Act.

SEC. 827. REQUIREMENT FOR A FAIR AND REASONABLE PRICE FOR TECHNICAL DATA BEFORE DEVELOPMENT OR PRODUCTION OF MAJOR WEAPON SYSTEMS.

Section 2439 of title 10, United States Code, is amended—

(1) by inserting ", to the maximum extent practicable," after "shall ensure"; and

(2) by inserting "fair and reasonable" after "negotiates a".

SEC. 828. REVISIONS IN AUTHORITY RELATING TO PROGRAM COST TARGETS AND FIELDING TARGETS FOR MAJOR DEFENSE ACQUISITION PROGRAMS.

(a) REVISIONS IN AUTHORITY RELATING TO PROGRAM COST AND FIELDING TARGETS.—Section 2448a of title 10, United States Code, is amended—

(1) in subsection (a), by striking "the Secretary of Defense" and inserting "the appropriate Secretary";

(2) by striking subsection (b); and

(3) by redesignating subsection (c) as subsection (b) and adding at the end of that subsection the following new paragraph:

"(3) The term 'appropriate Secretary', with respect to a major defense acquisition program, means—

"(A) the Secretary of the military department that is managing the program; or

"(B) in the case of a program for which an alternate milestone decision authority is designated under section 2430(d)(2) of this title, the Secretary of Defense.".

(b) CONFORMING AMENDMENTS.—Such title is further amended—

(1) in section 2366a(c)(1)(A) by striking "by the Secretary of Defense"; and

(2) in section 2366b—

(A) in subsection (a)(3)(D), by striking "Secretary of Defense" and inserting "appropriate Secretary (as defined in such section 2448a)"; and

(B) in subsection (c)(1)(A), by striking "by the Secretary of Defense".

SEC. 829. REVISION OF TIMELINE FOR USE OF THE RAPID FIELDING PATHWAY FOR ACQUISITION PROGRAMS.

Section 804(b)(2) of the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114–92; 10 U.S.C. 2302 note) is amended by striking "complete fielding within five years" and inserting "complete low-rate initial production (as described under section 2400 of title 10, United States Code) within five years".

SEC. 830. CLARIFICATION OF SERVICES CONTRACTING DEFINITIONS.

Not later than 180 days after the date of the enactment of this Act, the Secretary of Defense shall revise the Defense Federal Acquisition Regulation Supplement to clarify the definitions of and relationships between terms related to services contracts, including the appropriate use of personal services contracts and nonpersonal services contracts, and the responsibilities of individuals in the acquisition workforce with respect to such contracts.

Subtitle C—Provisions Relating to Commercial Items

SEC. 831. REVISION OF DEFINITION OF COMMERCIAL ITEM FOR PURPOSES OF FEDERAL ACQUISITION STATUTES.

(a) DEFINITIONS IN CHAPTER 1 OF TITLE 41, UNITED STATES CODE.—

(1) SEPARATION OF "COMMERCIAL ITEM" DEFINITION INTO DEFINITIONS OF "COMMERCIAL PRODUCT" AND "COMMERCIAL SERVICE".—Chapter 1 of title 41, United States Code, is amended by striking section 103 and inserting the following new sections:

"§ 103. Commercial product

"In this subtitle, the term 'commercial product' means any of the following:

"(1) A product, other than real property, that—

"(A) is of a type customarily used by the general public or by nongovernmental entities for purposes other than governmental purposes; and

"(B) has been sold, leased, or licensed, or offered for sale, lease, or license, to the general public.

"(2) A product that—

"(A) evolved from a product described in paragraph (1) through advances in technology or performance; and

"(B) is not yet available in the commercial marketplace but will be available in the commercial marketplace in time to satisfy the delivery requirements under a Federal Government solicitation.

"(3) A product that would satisfy the criteria in paragraph (1) or (2) were it not for—

"(A) modifications of a type customarily available in the commercial marketplace; or

"(B) minor modifications made to meet Federal Government requirements.

"(4) Any combination of products meeting the requirements of paragraph (1), (2), or (3) that are of a type customarily combined and sold in combination to the general public.

"(5) A product, or combination of products, referred to in paragraphs (1) through (4), even though the product, or combination of products, is transferred between or among separate divisions, subsidiaries, or affiliates of a contractor.

"(6) A nondevelopmental item if the procuring agency determines, in accordance with conditions in the Federal Acquisition Regulation, that—

"(A) the product was developed exclusively at private expense; and

"(B) has been sold in substantial quantities, on a competitive basis, to multiple State and local governments or to multiple foreign governments.

"§ 103a. Commercial service

"In this subtitle, the term 'commercial service' means any of the following:

"(1) Installation services, maintenance services, repair services, training services, and other services if—

"(A) those services are procured for support of a commercial product, regardless of whether the services are provided by the same source or at the same time as the commercial product; and

"(B) the source of the services provides similar services contemporaneously to the general public under terms and conditions similar to those offered to the Federal Government;

"(2) Services of a type offered and sold competitively, in substantial quantities, in the commercial marketplace—

"(A) based on established catalog or market prices;

"(B) for specific tasks performed or specific outcomes to be achieved; and

"(C) under standard commercial terms and conditions.

"(3) A service described in paragraph (1) or (2), even though the service is transferred between or

among separate divisions, subsidiaries, or affiliates of a contractor.".

(2) CONFORMING AMENDMENTS TO TITLE 41 DEFINITIONS.—

(A) DEFINITION OF COMMERCIAL COMPONENT.—Section 102 of such title is amended by striking "commercial item" and inserting "commercial product".

(B) DEFINITION OF COMMERCIALLY AVAILABLE OFF-THE-SHELF ITEM.—Section 104(1)(A) is amended by striking "commercial item" and inserting "commercial product".

(C) DEFINITION OF NONDEVELOPMENTAL ITEM.—Section 110(1) of such title is amended by striking "commercial item" and inserting "commercial product".

(3) CLERICAL AMENDMENT.—The table of sections at the beginning of chapter 1 of title 41, United States Code, is amended by striking the item relating to section 103 and inserting the following new items:

"103. Commercial product.
"103a. Commercial service.".

(b) CONFORMING AMENDMENTS TO OTHER PROVISIONS OF TITLE 41, UNITED STATES CODE.—Title 41, United States Code, is further amended as follows:

(1) Section 1502(b) is amended—

(A) in paragraph (1)(A), by striking "commercial items" and inserting "commercial products or commercial services";

(B) in paragraph (1)(C)(i), by striking "commercial item" and inserting "commercial product or commercial service"; and

(C) in paragraph (3)(A)(i), by striking "commercial items" and inserting "commercial products or commercial services".

(2) Section 1705(c) is amended by striking "commercial items" and inserting "commercial products and commercial services".

(3) Section 1708 is amended by striking "commercial items" in subsections (c)(6) and (e)(3) and inserting "commercial products or commercial services".

(4) Section 1901 is amended—

(A) in subsection (a)(2), by striking "commercial items" and inserting "commercial products or commercial services"; and

(B) in subsection (e)—

(i) by striking "COMMERCIAL ITEMS" in the subsection heading and inserting "COMMERCIAL PRODUCTS AND COMMERCIAL SERVICES"; and

(ii) by striking "commercial items" and inserting "commercial products or commercial services".

(5) Section 1903(c) is amended—

(A) in the subsection heading, by striking "COMMERCIAL ITEM" and inserting "COMMERCIAL PRODUCT OR COMMERCIAL SERVICE";

(B) in paragraph (1), by striking "as a commercial item" and inserting "as a commercial product or a commercial service"; and

(C) in paragraph (2), by striking "for an item or service treated as a commercial item" and inserting "for a product or service treated as a commercial product or a commercial service".

(6)(A) Section 1906 is amended by striking "commercial items" each place it appears in subsections (b), (c), and (d) and inserting "commercial products or commercial services".

(B)(i) The heading of such section is amended to read as follows:

"§ 1906. List of laws inapplicable to procurements of commercial products and commercial services".

(ii) The table of sections at the beginning of chapter 19 is amended by striking the item relating to section 1906 and inserting the following new item:

"1906. List of laws inapplicable to procurements of commercial products and commercial services.".

(7) Section 3304 is amended by striking "commercial item" in subsections (a)(5) and (e)(4)(B) and inserting "commercial product".

(8) Section 3305(a)(2) is amended by striking "commercial items" and inserting "commercial products or commercial services".

(9) Section 3306(b) is amended by striking "commercial items" and inserting "commercial products or commercial services".

(10)(A) Section 3307 is amended—

(i) in subsection (a)—

(I) by striking "COMMERCIAL ITEMS" in the subsection heading and inserting "COMMERCIAL PRODUCTS AND COMMERCIAL SERVICES";

(II) in paragraph (1), by striking "commercial items" and inserting "com-

mercial products and commercial services"; and

(III) in paragraph (2), by striking "a commercial item" and inserting "a commercial product or commercial service";

(ii) in subsection (b)—

(I) in paragraph (2), by striking "commercial items or, to the extent that commercial items suitable to meet the executive agency's needs are not available, nondevelopmental items other than commercial items" and inserting "commercial services or commercial products or, to the extent that commercial products suitable to meet the executive agency's needs are not available, nondevelopmental items other than commercial products"; and

(II) in paragraph (3), by striking "commercial items and nondevelopmental items other than commercial items" and inserting "commercial services, commercial products, and nondevelopmental items other than commercial products";

(iii) in subsection (c)—

(I) in paragraphs (1) and (2), by striking "commercial items or nondevelopmental items other than commercial items" and inserting "commercial services or commercial products or nondevelopmental items other than commercial products";

(II) in paragraphs (3) and (4), by striking "commercial items or, to the extent that commercial items suitable to meet the executive agency's needs are not available, nondevelopmental items other than commercial items" and inserting "commercial services or commercial products or, to the extent that commercial products suitable to meet the executive agency's needs are not available, nondevelopmental items other than commercial products"; and

(III) in paragraphs (5) and (6), by striking "commercial items" and inserting "commercial products and commercial services";

(iv) in subsection (d)(2), by striking "commercial items or, to the extent that commercial items suitable to meet the executive agency's needs are not available, nondevelopmental items

other than commercial items" and inserting "commercial services or commercial products or, to the extent that commercial products suitable to meet the executive agency's needs are not available, nondevelopmental items other than commercial products"; and

(v) in subsection (e)—

(I) in paragraph (1), by inserting "103a, 104," after "sections 102, 103,";

(II) in paragraph (2)(A), by striking "commercial items" and inserting "commercial products or commercial services";

(III) in the first sentence of paragraph (2)(B), by striking "commercial end items" and inserting "end items that are commercial products";

(IV) in paragraphs (2)(B)(i), (2)(C)(i) and (2)(D), by striking "commercial items or commercial components" and inserting "commercial products, commercial components, or commercial services";

(V) in paragraph (2)(C), in the matter preceding clause (i), by striking "commercial items" and inserting "commercial products or commercial services";

(VI) in paragraph (4)(A), by striking "commercial items" and inserting "commercial products or commercial services";

(VII) in paragraph (4)(C)(i), by striking "commercial item, as described in section 103(5)" and inserting "commercial product, as described in section 103a(1)"; and

(VIII) in paragraph (5), by striking "items" each place it appears and inserting "products".

(B)(i) The heading of such section is amended to read as follows:

***"§3307. Preference for commercial products and commercial services"**.*

(ii) The table of sections at the beginning of chapter 33 is amended by striking the item relating to section 3307 and inserting the following new item:

"3307. Preference for commercial products and commercial services.".

(11) Section 3501 is amended—

(A) in subsection (a)—

(i) by striking paragraph (1);

(ii) by redesignating paragraphs (2) and (3) as paragraphs (1) and (2), respectively; and

(iii) in paragraph (2) (as so redesignated), by striking "commercial items" and inserting "commercial products or commercial services"; and

(B) in subsection (b)—

(i) by striking "ITEM" in the heading for paragraph (1); and

(ii) by striking "commercial items" in paragraphs (1) and (2)(A) and inserting "commercial services".

(12) Section 3503 is amended—

(A) in subsection (a)(2), by striking "a commercial item" and inserting "a commercial product or a commercial service"; and

(B) in subsection (b)—

(i) by striking "COMMERCIAL ITEMS" in the subsection heading and inserting "COMMERCIAL PRODUCTS OR COMMERCIAL SERVICES"; and

(ii) by striking "a commercial item" each place it appears and inserting "a commercial product or a commercial service".

(13) Section 3505(b) is amended by striking "commercial items" each place it appears and inserting "commercial products or commercial services".

(14) Section 3509(b) is amended by striking "commercial items" and inserting "commercial products or commercial services".

(15) Section 3704(c)(5) is amended by striking "commercial item" and inserting "commercial product".

(16) Section 3901(b)(3) is amended by striking "commercial items" and inserting "commercial products or commercial services".

(17) Section 4301(2) is amended by striking "commercial items" and inserting "commercial products or commercial services".

(18)(A) Section 4505 is amended by striking "commercial items" in subsections (a) and (c) and inserting "commercial products or commercial services".

(B)(i) The heading of such section is amended to read as follows:

"§ 4505. Payments for commercial products and commercial services".

(ii) The table of sections at the beginning of chapter 45 is amended by striking the item relating to section 4505 and inserting the following new item:

"4505. Payments for commercial products and commercial services.".

(19) Section 4704(d) is amended by striking "commercial items" both places it appears and inserting "commercial products or commercial services".

(20) Sections 8102(a)(1), 8703(d)(2), and 8704(b) are amended by striking "commercial items (as defined in section 103 of this title)" and inserting "commercial products or commercial services (as defined in sections 103 and 103a, respectively, of this title)".

(c) AMENDMENTS TO CHAPTER 137 OF TITLE 10, UNITED STATES CODE.—Chapter 137 of title 10, United States Code, is amended as follows:

(1) Section 2302(3) is amended—

(A) by redesignating subparagraphs (J), (K), and (L) as subparagraphs (K), (L), and (M); and

(B) by striking subparagraph (I) and inserting the following new subparagraphs (I) and (J):

"(I) The term 'commercial product'.

"(J) The term 'commercial service'.".

(2) Section 2304 is amended—

(A) in subsections (c)(5) and (f)(2)(B), by striking "brand-name commercial item" and inserting "brand-name commercial product";

(B) in subsection (g)(1)(B), by striking "commercial items" and inserting "commercial products or commercial services"; and

(C) in subsection (i)(3), by striking "commercial items" and inserting "commercial products".

(3) Section 2305 is amended—

(A) in subsection (a)(2), by striking "commercial items" and inserting "commercial products or commercial services"; and

(B) in subsection (b)(5)(B)(v), by striking "commercial item" and inserting "commercial product".

(4) Section 2306(b) is amended by striking "commercial items" and inserting "commercial products or commercial services".

(5) Section 2306a is amended—

(A) in subsection (b)—

(i) in paragraph (1)(B), by striking "a commercial item" and inserting "a commercial product or a commercial service";

(ii) in paragraph (2)—

(I) by striking "COMMERCIAL ITEMS" in the paragraph heading and

inserting "COMMERCIAL PRODUCTS OR COMMERCIAL SERVICES"; and

(II) by striking "commercial item" each place it appears and inserting "commercial product or commercial services";

(iii) in paragraph (3)—

(I) by striking "COMMERCIAL ITEMS" in the paragraph heading and inserting "COMMERCIAL PRODUCTS"; and

(II) by striking "item" each place it appears and inserting "product"; and

(iv) in paragraph (4)—

(I) by striking "COMMERCIAL ITEM" in the paragraph heading and inserting "COMMERCIAL PRODUCT OR COMMERCIAL SERVICE";

(II) by striking "commercial item" in subparagraph (A) after "applying the";

(III) by striking "prior commercial item determination" in subparagraph (A) and inserting "prior com-

mercial product or commercial service determination";

(IV) by striking "of such item" in subparagraph (A) and inserting "of such product or service";

(V) by striking "of an item previously determined to be a commercial item" in subparagraph (B) and inserting "of a product or service previously determined to be a commercial product or a commercial service";

(VI) by striking "of a commercial item," in subparagraph (B) and inserting "of a commercial product or a commercial service, as the case may be,";

(VII) by striking "the commercial item determination" in subparagraph (B) and inserting "the commercial product or commercial service determination"; and

(VIII) by striking "commercial item" in subparagraph (C); and

(v) in paragraph (5), by striking "commercial items" and inserting "commercial products or commercial services";

(B) in subsection (d)(2), by striking "commercial items" each place it appears and inserting "commercial products or commercial services"; and

(C) in subsection (h)—

(i) in paragraph (2), by striking "commercial items" and inserting "commercial products or commercial services"; and

(ii) by striking paragraph (3).

(6) Section 2307(f) is amended—

(A) by striking "COMMERCIAL ITEMS" in the subsection heading and inserting "COMMERCIAL PRODUCTS AND COMMERCIAL SERVICES"; and

(B) by striking "commercial items" in paragraphs (1) and (2) and inserting "commercial products and commercial services".

(7) Section 2320(b) is amended—

(A) in paragraph (1), by striking "a commercial item, the item" and inserting "a commercial product, the product"; and

(B) in paragraph (9)(A), by striking "any noncommercial item or process" and inserting "any noncommercial product or process".

(8) Section 2321(f) is amended—

(A) in paragraph (1)—

(i) by striking "commercial items" and inserting "commercial products"; and

(ii) by striking "the item" both places it appears and inserting "commercial products"; and

(B) in paragraph (2)(A), in clauses (i) and (ii), by striking "commercial item" and inserting "commercial product".

(9) Section 2324(l)(1)(A) is amended by striking "commercial items" and inserting "commercial products or commercial services".

(10) Section 2335(b) is amended by striking "commercial items" and inserting "commercial products and commercial services".

(d) AMENDMENTS TO CHAPTER 140 OF TITLE 10, UNITED STATES CODE.—Chapter 140 of title 10, United States Code, is amended as follows:

(1) Section 2375 is amended—

(A) in subsection (a), by striking "commercial item" in paragraphs (1) and (2) and inserting "commercial product or commercial service";

(B) in subsections (b) and (c)—

(i) by striking "COMMERCIAL ITEMS" in the subsection heading and inserting "COMMERCIAL PRODUCTS AND COMMERCIAL SERVICES"; and

(ii) by striking "commercial items" each place it appears and inserting "commercial products and commercial services"; and

(C) in subsection (e)(3), by striking "commercial items" and inserting "commercial products and commercial services".

(2) Section 2376(1) is amended—

(A) by striking "terms 'commercial item'," and inserting "terms 'commercial product', 'commercial service',"; and

(B) by striking "chapter 1 of title 41" and inserting "sections 103, 103a, 110, 105, and 102, respectively, of title 41".

(3) Section 2377 is amended—

(A) in subsection (a)—

(i) in paragraph (2), by striking "commercial items or, to the extent that commercial items suitable to meet the agency's needs are not available, nondevelopmental items other than commercial items" and inserting "commercial services or commercial products or, to the extent that commercial products suitable to meet the agency's needs are not available, nondevelopmental items other than commercial products"; and

(ii) in paragraph (3), by striking "commercial items and nondevelopmental items other than commercial items" and inserting "commercial services, commercial products, and nondevelopmental items other than commercial products";

(B) in subsection (b)—

(i) in paragraphs (1) and (2), by striking "commercial items or nondevelopmental items other than commercial items" and inserting "commercial services, commercial products, or nondevelopmental items other than commercial products";

(ii) in paragraphs (3) and (4), by striking "commercial items or, to the extent

that commercial items suitable to meet the agency's needs are not available, nondevelopmental items other than commercial items" and inserting "commercial services or commercial products or, to the extent that commercial products suitable to meet the agency's needs are not available, nondevelopmental items other than commercial products"; and

(iii) in paragraphs (5) and (6), by striking "commercial items" and inserting "commercial products and commercial services";

(C) in subsection (c)—

(i) in paragraph (2), by striking "commercial items or, to the extent that commercial items suitable to meet the agency's needs are not available, nondevelopmental items other than commercial items" and inserting "commercial services or commercial products or, to the extent that commercial products suitable to meet the agency's needs are not available, nondevelopmental items other than commercial products"; and

(ii) in paragraph (4), by striking "items other than commercial items" and inserting "products other than commercial products or services other than commercial services";

(D) in subsection (d)—

(i) in the first sentence, by striking "commercial items" and inserting "commercial products or commercial services";

(ii) in paragraph (1), by striking "items" and inserting "products or services"; and

(iii) in paragraph (2), by striking "items" and inserting "products or services"; and

(E) in subsection (e)(1), by striking "commercial items" and inserting "commercial products and commercial services".

(4) Section 2379 is amended—

(A) by striking "COMMERCIAL ITEMS" in the headings of subsections (b) and (c) and inserting "COMMERCIAL PRODUCTS";

(B) in subsections (a)(1)(A), (b)(2), and (c)(1)(B), by striking ", as defined in section 103 of title 41"; and

(C) by striking "commercial item" and "commercial items" each place they appear and inserting "commercial product" and "commercial products", respectively.

(5) Section 2380 is amended—

(A) in subsection (a), by striking "commercial item determinations" in paragraphs (1) and (2) and inserting "commercial product and commercial service determinations"; and

(B) in subsection (b) (as added by section 848 of the National Defense Authorization Act for Fiscal Year 2018)—

(i) by striking "ITEM" in the subsection heading;

(ii) by striking "an item" each place it appears and inserting "a product or service";

(iii) by striking "item" after "using commercial" each place it appears;

(iv) by striking "prior commercial item determination" and inserting "prior commercial product or service determination";

(v) by striking "such item" and inserting "such product or service"; and

(vi) by striking "the item" both places it appears and inserting "the product or service".

(6) Section 2380a is amended—

(A) in subsection (a)—

(i) by striking "items and" and inserting "products and"; and

(ii) by striking "commercial items" and inserting "commercial products and commercial services, respectively,"; and

(B) in subsection (b), by striking "commercial items" and inserting "commercial services".

(7) Section 2380B is amended by striking "commercial item" and inserting "commercial product".

(8) AMENDMENTS TO HEADINGS, ETC.—

(A) The heading of such chapter is amended to read as follows:

"CHAPTER 140—PROCUREMENT OF COMMERCIAL PRODUCTS AND COMMERCIAL SERVICES".

(B) The heading of section 2375 is amended to read as follows:

"§ 2375. Relationship of other provisions of law to procurement of commercial products and commercial services".

(C) The heading of section 2377 is amended to read as follows:

"§ 2377. Preference for commercial products and commercial services".

(D) The heading of section 2379 is amended to read as follows:

"§ 2379. Procurement of a major weapon system as a commercial product: requirement for prior determination by Secretary of Defense and notification to Congress".

(E) The heading of section 2380 is amended to read as follows:

"§ 2380. Commercial product and commercial service determinations by Department of Defense".

(F) The heading of section 2380a is amended to read as follows:

"§ 2380a. Treatment of certain products and services as commercial products and commercial services".

(G) Section 2380B is redesignated as section 2380b and the heading of that section is amended to read as follows:

"§ 2380b. Treatment of commingled items purchased by contractors as commercial products".

(H) The table of sections at the beginning of such chapter is amended to read as follows:

"2375. Relationship of other provisions of law to procurement of commercial products and commercial services.
"2376. Definitions.
"2377. Preference for commercial products and commercial services.
"2379. Procurement of a major weapon system as a commercial product: requirement for prior determination by Secretary of Defense and notification to Congress.
"2380. Commercial product and commercial service determinations by Department of Defense.
"2380a. Treatment of certain products and services as commercial products and commercial services.
"2380b. Treatment of commingled items purchased by contractors as commercial products.".

(e) OTHER AMENDMENTS TO TITLE 10, UNITED STATES CODE.—Title 10, United States Code, is further amended as follows:

(1) Section 2226(b) is amended by striking "for services" and all that follows through "deliverable items" and inserting "for services or deliverable items".

(2) Section 2384(b)(2) is amended by striking "commercial items" and inserting "commercial products".

(3) Section 2393(d) is amended by striking "commercial items (as defined in section 103 of title 41)" and inserting "commercial products or commercial services (as defined in sections 103 and 103a, respectively, of title 41)".

(4) Section 2402(d) is amended—

(A) in paragraph (1), by striking "commercial items" both places it appears and inserting "commercial products or commercial services"; and

(B) in paragraph (2), by striking "the term" and all that follows and inserting "the terms 'commercial product' and 'commercial service' have the meanings given those terms in sections 103 and 103a, respectively, of title 41.".

(5) Section 2408(a)(4)(B) is amended by striking "commercial items (as defined in section 103 of title 41)" and inserting "commercial products or commercial services (as defined in sections 103 and 103a, respectively, of title 41)".

(6) Section 2410b(c) is amended by striking "commercial items" and inserting "commercial products".

(7) Section 2410g(d)(1) is amended by striking "Commercial items (as defined in section 103 of title 41)" and inserting "Commercial products or commercial services (as defined in sections 103 and 103a, respectively, of title 41)".

(8) Section 2447a is amended—

(A) in subsection (a)(2), by striking "commercial items and technologies" and inserting "commercial products and technologies"; and

(B) in subsection (c), by inserting before the period at the end the following: "and the term 'commercial product' has the meaning given that term in section 103 of title 41".

(9) Section 2451(d) is amended by striking "commercial items" and inserting "commercial products (as defined in section 103 of title 41)".

(10) Section 2464 is amended—

(A) in subsection (a)—

(i) in paragraph (3), by striking "commercial items" and inserting "commercial products or commercial services"; and

(ii) in paragraph (5), by striking "The commercial items covered by paragraph (3) are commercial items" and inserting "The commercial products or commercial services covered by paragraph (3) are commercial products (as defined in section 103 of title 41) or commercial services (as defined in section 103a of such title)"; and

(B) in subsection (c)—

(i) by striking "COMMERCIAL ITEMS" in the subsection heading and inserting "COMMERCIAL PRODUCTS OR COMMERCIAL SERVICES"; and

(ii) by striking "commercial item" and inserting "commercial product or commercial service".

(11) Section 2484(f) is amended—

(A) by striking "COMMERCIAL ITEMS" in the subsection heading and inserting "COMMERCIAL PRODUCTS"; and

(B) by striking "commercial item" and inserting "commercial product".

(12) The items relating to chapter 140 in the tables of chapters at the beginning of subtitle A, and at the beginning of part IV of subtitle A, are amended to read as follows:

"140. Procurement of Commercial Products and Commercial Services ..... 2377".

(f) AMENDMENTS TO PROVISIONS OF NATIONAL DEFENSE AUTHORIZATION ACTS.—

(1) Section 806(b) of the National Defense Authorization Act for Fiscal Years 1992 and 1993 (Public Law 102–190; 10 U.S.C. 2302 note) is amended by striking "commercial items (as defined in section 103 of title 41, United States Code)" and inserting

"commercial products or commercial services (as defined in sections 103 and 103a, respectively, of title 41, United States Code)".

(2) Section 821(e) of the Floyd D. Spence National Defense Authorization Act for Fiscal Year 2001 (as enacted into law by Public Law 106–398; 10 U.S.C. 2302 note) is amended—

(A) by striking paragraph (2); and

(B) by redesignating paragraph (3) as paragraph (2).

(3) Section 821(b) of the National Defense Authorization Act for Fiscal Year 2008 (Public Law 110–181; 10 U.S.C. 2304 note) is amended—

(A) in paragraph (1), by striking "a commercial item" and inserting "a commercial product or a commercial service";

(B) in paragraph (2), by striking "commercial item" and inserting "commercial product"; and

(C) by adding at the end the following new paragraph:

"(3) The term 'commercial service' has the meaning provided by section 103a of title 41, United States Code.".

(4) Section 817(d) of the Bob Stump National Defense Authorization Act for Fiscal Year 2003 (Public Law 107–314; 10 U.S.C. 2306a note) is amended—

(A) in paragraph (1), by striking "commercial item exceptions" and inserting "commercial product-commercial service exceptions"; and

(B) in paragraph (2), by striking "commercial item exception" and inserting "commercial product-commercial service exception";

(5) Section 852(b)(2)(A)(ii) of the National Defense Authorization Act for Fiscal Year 2007 (Public Law 109–364; 10 U.S.C. 2324 note) is amended by striking "a commercial item, as defined in section 103 of title 41" and inserting "a commercial product or a commercial service, as defined in sections 103 and 103a, respectively, of title 41".

(6) Section 805 of the National Defense Authorization Act for Fiscal Year 2008 (Public Law 110–181; 10 U.S.C. 2330 note) is amended—

(A) in subsection (b), by striking "commercial items" in paragraphs (1) and (2)(A) and inserting "commercial services"; and

(B) in subsection (c)—

(i) by striking "ITEM" in the headings for paragraphs (1) and (2) and inserting "SERVICES";

(ii) in the matter in paragraph (1) preceding subparagraph (A), by striking "commercial item" and inserting "commercial service";

(iii) in paragraph (1)(A), by striking "a commercial item, as described in section 103(5) of title 41" and inserting "a service, as described in section 103a(1) of title 41";

(iv) in paragraph (1)(C)(i), by striking "section 103(6) of title 41" and inserting "section 103a(2) of title 41"; and

(v) in paragraph (2), by striking "item" and inserting "service".

(7) Section 849(d) of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114–328; 10 U.S.C. 2377 note) is amended—

(A) by striking "commercial items" in paragraph (1) and inserting "commercial products";

(B) by striking "commercial item" in paragraph (3)(B)(i) and inserting "commercial product"; and

(C) by adding at the end the following new paragraph:

"(5) DEFINITION.—In this subsection, the term 'commercial product' has the meaning given that term in section 103 of title 41.".

(8) Section 856(a)(1) of the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114–92; 10 U.S.C. 2377 note) is amended by striking "commercial items or services" and inserting "a commercial product or a commercial service, as defined in sections 103 and 103a, respectively, of title 41,".

(9) Section 879 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114–328; 10 U.S.C. 2302 note) is amended—

*(A) in the section heading, by striking "**COMMERCIAL ITEMS**" and inserting "**COMMERCIAL PRODUCTS**";*

(B) in subsection (a), by striking "commercial items" and inserting "commercial products";

(C) in subsection (c)(3)—

(i) by striking "COMMERCIAL ITEMS" in the paragraph heading and inserting "COMMERCIAL PRODUCTS OR COMMERCIAL SERVICES"; and

(ii) by striking "commercial items" and inserting "commercial products or commercial services"; and

(D) in subsection (e)(2), by striking "item" in subparagraphs (A) and (B) and inserting "products".

(10) Section 880 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114–328; 41 U.S.C. 3301 note) is amended by striking "commercial items" in subsection (a)(1) and inserting "commercial products".

(g) CONFORMING AMENDMENTS TO OTHER STATUTES.—

(1) Section 604(g) of the American Recovery and Reinvestment Act of 2009 (6 U.S.C. 453b(g)) is amended—

(A) by striking "COMMERCIAL ITEMS" in the subsection heading and inserting "COMMERCIAL PRODUCTS";

(B) by striking "procurement of commercial" in the first sentence and all that follows through "items listed" and inserting "procurement of commercial products notwithstanding section 1906 of title 41, United States Code, with the exception of commercial products listed"; and

(C) in the second sentence—

(i) by inserting "product" after "commercial"; and

(ii) by striking "in the" and all that follows and inserting "in section 103 of title 41, United States Code.".

(2) Section 142 of the Higher Education Act of 1965 (20 U.S.C. 1018a) is amended—

(A) in subsection (e)—

(i) by striking "COMMERCIAL ITEMS" in the subsection heading and inserting "COMMERCIAL PRODUCTS AND COMMERCIAL SERVICES";

(ii) by striking "that commercial items" and inserting "that commercial products or commercial services";

(iii) by striking "special rules for commercial items" and inserting "special rules for commercial products and commercial services";

(iv) by striking "without regard to—" and all that follows through "dollar limitation" and inserting "without regard to any dollar limitation";

(v) by striking "; and" and inserting a period; and

(vi) by striking paragraph (2);

(B) in subsection (f)—

(i) by striking "ITEMS" in the subsection heading and inserting "PRODUCTS AND SERVICES";

(ii) by striking "ITEMS" in the heading of paragraph (2) and inserting "PRODUCTS AND SERVICES"; and

(iii) by striking "a commercial item" in paragraph (2) and inserting "a commercial product or a commercial service";

(C) in subsection (h)—

(i) by striking "ITEMS" in the subsection heading and inserting "SERVICES"; and

(ii) by striking "commercial items" in paragraph (1) and inserting "commercial services"; and

(D) in subsection (l)—

(i) by redesignating paragraphs (2), (3), (4), and (5) as paragraphs (3), (4), (5), and (6), respectively;

(ii) by striking paragraph (1) and inserting the following new paragraphs:

"(1) COMMERCIAL PRODUCT.—The term 'commercial product' has the meaning given the term in section 103 of title 41, United States Code.

"(2) COMMERCIAL SERVICE.—The term 'commercial service' has the meaning given the term in section 103a of title 41, United States Code.";

(iii) in paragraph (3), as so redesignated, by striking "in section" and all that follows and inserting "in section 152 of title 41, United States Code.";

(iv) in paragraph (5), as so redesignated—

(I) by striking "COMMERCIAL ITEMS" in the paragraph heading and inserting "COMMERCIAL PRODUCTS AND COMMERCIAL SERVICES";

(II) by striking "commercial items" and inserting "commercial products and commercial services"; and

(III) by striking "pursuant to" and all that follows and inserting "pursuant to sections 1901 and

3305(a) of title 41, United States Code."; and

(v) in paragraph (6), as so redesignated, by striking "pursuant to" and all that follows and inserting "pursuant to sections 1901(a)(1) and 3305(a)(1) of title 41, United States Code.".

(3) Section 3901(a)(4)(A)(ii)(II) of title 31, United States Code, is amended by striking "commercial item" and inserting "commercial product".

(4) Section 2455(c)(1) of the Federal Acquisition Streamlining Act of 1994 (31 U.S.C. 6101 note) is amended by striking "commercial items" and inserting "commercial products".

(5) Section 508(f) of the Federal Water Pollution Control Act (33 U.S.C. 1368(f)) is amended—

(A) in paragraph (1), by striking "commercial items" and inserting "commercial products or commercial services"; and

(B) in paragraph (2), by striking "the term" and all that follows and inserting "the terms 'commercial product' and 'commercial service' have the meanings given those terms in sections 103 and 103a, respectively, of title 41, United States Code.".

(6) Section 3707 of title 40, United States Code, is amended by striking "a commercial item (as defined in section 103 of title 41)" and inserting "a commercial product (as defined in section 103 of title 41) or a commercial service (as defined in section 103a of title 41)".

(7) Subtitle III of title 40, United States Code, is amended—

(A) in section 11101(1), by striking "COMMERCIAL ITEM.—The term 'commercial item' has" and inserting "COMMERCIAL PRODUCT.—The term 'commercial product' has"; and

(B) in section 11314(a)(3), by striking "items" each place it appears and inserting "products".

(8) Section 8301(g) of the Federal Acquisition Streamlining Act of 1994 (42 U.S.C. 7606 note) is amended by striking "commercial items" and inserting "commercial products or commercial services".

(9) Section 40118(f) of title 49, United States Code, is amended—

(A) in paragraph (1), by striking "commercial items" and inserting "commercial products"; and

(B) in paragraph (2), by striking "commercial item" and inserting "commercial product".

(10) Chapter 501 of title 51, United States Code, is amended—

(A) in section 50113(c)—

(i) by striking "COMMERCIAL ITEM" in the subsection heading and inserting "COMMERCIAL PRODUCT OR COMMERCIAL SERVICE"; and

(ii) by striking "commercial item" in the second sentence and inserting "commercial product or commercial service"; and

(B) in section 50115(b)—

(i) by striking "COMMERCIAL ITEM" in the subsection heading and inserting "COMMERCIAL PRODUCT OR COMMERCIAL SERVICE"; and

(ii) by striking "commercial item" in the second sentence and inserting "commercial product or commercial service"; and

(C) in section 50132(a)—

(i) by striking "COMMERCIAL ITEM" in the subsection heading and inserting "COMMERCIAL SERVICE"; and

(ii) by striking "commercial item" in the second sentence and inserting "commercial service".

(h) SAVINGS PROVISION.—Any provision of law that on the day before the effective date of this section is on a list of provisions of law included in the Federal Acquisition Regulation pursuant to section 1907 of title 41, United States Code, shall be deemed as of that effective date to be on a list of provisions of law included in the Federal Acquisition Regulation pursuant to section 1906 of such title.

SEC. 832. DEFINITION OF SUBCONTRACT.

(a) STANDARD DEFINITION IN TITLE 41, UNITED STATES CODE.—

(1) IN GENERAL.—Chapter 1 of title 41, United States Code, is amended—

(A) by redesignating sections 115 and 116 as sections 116 and 117, respectively; and

(B) by inserting after section 114 the following new section 115:

"§ 115. Subcontract

"(a) IN GENERAL.—In this subtitle, the term 'subcontract' means a contract entered into by a prime contractor or subcontractor for the purpose of obtaining supplies, materials, equipment, or services of any kind under a prime contract. The term includes a transfer of a commer-

cial product or commercial service between divisions, subsidiaries, or affiliates of a contractor or subcontractor.

"(b) MATTERS NOT INCLUDED.—In this subtitle, the term 'subcontract' does not include—

"(1) a contract the costs of which are applied to general and administrative expenses or indirect costs; or

"(2) an agreement entered into by a contractor or subcontractor for the supply of a commodity, a commercial product, or a commercial service that is intended for use in the performance of multiple contracts.".

(2) CLERICAL AMENDMENT.—The table of sections at the beginning of chapter 1 of title 41, United States Code, is amended by striking the items relating to sections 115 and 116 and inserting the following new items:

"115. Subcontract.
"116. Supplies.
"117. Technical data.".

(b) CONFORMING AMENDMENTS TO TITLE 41, UNITED STATES CODE.—Title 41, United States Code, is further amended as follows:

(1) Section 1502(b)(1) is amended—

(A) by striking subparagraph (A);

(B) by redesignating subparagraphs (B) and (C) as subparagraphs (A) and (B), respectively; and

(C) in subparagraph (B), as so redesignated, by striking "Subparagraph (B)" and inserting "Subparagraph (A)".

(2) Section 1906 is amended—

(A) in subsection (c)—

(i) by striking paragraph (1);

(ii) by redesignating paragraphs (2), (3), and (4) as paragraphs (1), (2), and (3), respectively;

(iii) in paragraph (1), as so redesignated, by striking "paragraph (3)" and inserting "paragraph (2)"; and

(iv) in paragraph (2), as so redesignated, by striking "paragraph (2)" and inserting "paragraph (1)"; and

(B) in subsection (e), by striking "(c)(3)" both places it appears and inserting "(c)(2)".

(3) Section 3307(e)(2) is amended—

(A) by striking subparagraph (A);

(B) by redesignating subparagraphs (B), (C), (D), and (E) as subparagraphs (A), (B), (C), and (D), respectively;

(C) in subparagraph (C), as so redesignated—

(i) by striking "subparagraph (B)" and inserting "subparagraph (A)"; and

(ii) by striking "subparagraph (C)" and inserting "subparagraph (B)"; and

(D) in subparagraph (D), as so redesignated, by striking "subparagraph (B)" and inserting "subparagraph (A)".

(4) Section 3501(a) is amended by striking paragraph (3).

(c) INCORPORATION OF TITLE 41 DEFINITION IN CHAPTERS 137 AND 140 OF TITLE 10, UNITED STATES CODE.—

(1) DEFINITIONS FOR PURPOSES OF CHAPTER 137.—Section 2302(3) of title 10, United States Code, is amended by adding at the end the following new subparagraph:

"(N) The term 'subcontract'.".

(2) DEFINITIONS FOR PURPOSES OF CHAPTER 140.—

(A) Section 2375(c) of title 10, United States Code, is amended—

(i) by striking paragraph (3); and

(ii) by redesignating paragraph (4) as paragraph (3).

(B) Section 2376(1) of such title is amended by striking "and 'commercial component' have" and inserting "'commercial component', and 'subcontract' have".

SEC. 833. LIMITATION ON APPLICABILITY TO DEPARTMENT OF DEFENSE COMMERCIAL CONTRACTS OF CERTAIN PROVISIONS OF LAW AND CERTAIN EXECUTIVE ORDERS AND REGULATIONS.

(a) INAPPLICABILITY OF CERTAIN PROVISIONS OF LAW.—

(1) SECTION 2375.—Section 2375 of title 10, United States Code, is amended—

(A) in subsection (b)(2), by striking "January 1, 2015" and inserting "October 13, 1994"; and

(B) in subsections (b)(2), (c)(2), and (d)(2), by striking "unless the" and all that follows and inserting a period.

(2) SECTION 2533A.—Section 2533a(i) of such title is amended—

(A) in the subsection heading, by striking "ITEMS" and inserting "PRODUCTS"; and

(B) by striking "commercial items" and inserting "commercial products".

(3) SECTION 2533B.—Section 2533b(h) of such title is amended—

(A) the subsection heading, by striking "ITEMS" and inserting "PRODUCTS"; and

(B) by striking "commercial items" each place it appears and inserting "commercial products".

(b) INAPPLICABILITY OF CERTAIN EXECUTIVE ORDERS AND REGULATIONS.—Chapter 140 of title 10, United States Code, is amended by inserting after section 2375 the following new section:

"§ 2375a. Applicability of certain Executive orders and regulations

"(a) EXECUTIVE ORDERS.—

"(1) COMMERCIAL CONTRACTS.—No Department of Defense commercial contract shall be subject to an Executive order issued after the date of the enactment of this section unless the Executive order specifically provides that it is applicable to contracts for the procurement of commercial products and commercial services by the Department of Defense.

"(2) SUBCONTRACTS UNDER COMMERCIAL CONTRACTS.—No subcontract under a Department of De-

fense commercial contract shall be subject to an Executive order issued after the date of the enactment of this section unless the Executive order specifically provides that it is applicable to subcontracts under Department of Defense contracts for the procurement of commercial products and commercial services.

"(b) REGULATIONS AND POLICIES.—

"(1) COMMERCIAL CONTRACTS.—No Department of Defense commercial contract shall be subject to any Department of Defense regulation or policy prescribed after the date of the enactment of this section unless the regulation or policy specifically provides that it is applicable to contracts for the procurement of commercial products and commercial services by the Department of Defense.

"(2) SUBCONTRACTS UNDER COMMERCIAL CONTRACTS.—No subcontract under a Department of Defense commercial contract shall be subject to any Department of Defense regulation or order prescribed after the date of the enactment of this section unless the regulation or policy specifically provides that it is applicable to subcontracts under Department of Defense contracts for the procurement of commercial products and commercial services.

"(c) DEPARTMENT OF DEFENSE COMMERCIAL CONTRACTS.—In this section, the term 'Department of Defense commercial contract' means a contract for the procurement of a commercial product or commercial service entered into by the Secretary of Defense.".

(c) CLERICAL AMENDMENT.—The table of sections at the beginning of such chapter is amended by inserting after the item relating to section 2375 the following new item:

"2375a. Applicability of certain Executive orders and regulations.".

SEC. 834. MODIFICATIONS TO PROCUREMENT THROUGH COMMERCIAL E-COMMERCE PORTALS.

Section 846 of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115–91; 41 U.S.C. 1901 note) is amended—

(1) in subsection (f), by adding at the end the following new paragraph:

"(5) A procurement of a product made through a commercial e-commerce portal under the program established pursuant to subsection (a) is deemed to satisfy requirements for full and open competition pursuant to section 2304 of title 10, United States Code, and section 3301 of title 41, United States Code, if—

"(A) there are offers from two or more suppliers of such a product or similar product with substantially the same physical, functional, or

performance characteristics on the online marketplace; and

"(B) the Administrator establishes procedures to implement subparagraph (A) and notifies Congress at least 30 days before implementing such procedures.".

(2) by redesignating subsections (j) and (k) as subsections (k) and (l), respectively; and

(3) by inserting after subsection (i) the following new subsection:

"(j) MICRO-PURCHASE THRESHOLD.—Notwithstanding section 2338 of title 10, United States Code, and section 1902 of title 41, United States Code, the micro-purchase threshold for a procurement of a product through a commercial e-commerce portal used under the program established under subsection (a) is $25,000.".

Subtitle D—Industrial Base Matters

SEC. 841. REQUIREMENT THAT CERTAIN SHIP COMPONENTS BE MANUFACTURED IN THE NATIONAL TECHNOLOGY AND INDUSTRIAL BASE.

(a) ADDITIONAL PROCUREMENT LIMITATION.—Section 2534(a) of title 10, United States Code, is amended by adding at the end the following new paragraph:

"(6) COMPONENTS FOR AUXILIARY SHIPS.—Subject to subsection (k), the following components:

"(A) Auxiliary equipment, including pumps, for all shipboard services.

"(B) Propulsion system components, including engines, reduction gears, and propellers.

"(C) Shipboard cranes.

"(D) Spreaders for shipboard cranes.".

(b) IMPLEMENTATION.—Such section is further amended by adding at the end the following new subsection:

"(k) IMPLEMENTATION OF AUXILIARY SHIP COMPONENT LIMITATION.—Subsection (a)(6) applies only with respect to contracts awarded by the Secretary of a military department for new construction of an auxiliary ship after the date of the enactment of the National Defense Authorization Act for Fiscal Year 2019 using funds available for National Defense Sealift Fund programs or Shipbuilding and Conversion, Navy. For purposes of this subsection, the term 'auxiliary ship' does not include an icebreaker.".

SEC. 842. REPORT ON DOMESTIC SOURCING OF SPECIFIC COMPONENTS FOR ALL NAVAL VESSELS.

Not later than March 1, 2019, the Secretary of the Navy shall submit to the congressional defense committees a report that provides a market survey and cost assessment

associated with limiting competition to domestic sources for—

(1) naval vessel components listed in section 2534(a)(3) of title 10, United States Code;

(2) expanding such list to include all ships authorized using funds available for Shipbuilding and Conversion, Navy and Other Procurement, Navy; and

(3) expanding such list to include waterjet marine propulsion systems, azimuth thrusters, and bow thrusters for all ships authorized using funds available for Shipbuilding and Conversion, Navy and Other Procurement, Navy.

SEC. 843. REMOVAL OF NATIONAL INTEREST DETERMINATION REQUIREMENTS FOR CERTAIN ENTITIES.

(a) IN GENERAL.—Effective October 1, 2020, a covered NTIB entity operating under a special security agreement pursuant to the National Industrial Security Program shall not be required to obtain a national interest determination as a condition for access to proscribed information.

(b) ACCELERATION AUTHORIZED.—Notwithstanding the effective date of this section, the Secretary of Defense, in consultation with the Director of the Information Security Oversight Office, may waive the requirement to obtain a national interest determination for a covered NTIB entity

operating under such a special security agreement that has—

(1) a demonstrated successful record of compliance with the National Industrial Security Program; and

(2) previously been approved for access to proscribed information.

(c) DEFINITIONS.—In this section:

(1) COVERED NTIB ENTITY.—The term "covered NTIB entity" means a person that is a subsidiary located in the United States—

(A) for which the ultimate parent company and any intermediate parent companies of such subsidiary are located in a country that is part of the national technology and industrial base (as defined in section 2500 of title 10, United States Code); and

(B) that is subject to the foreign ownership, control, or influence requirements of the National Industrial Security Program.

(2) PROSCRIBED INFORMATION.—The term "proscribed information" means information that is—

(A) classified at the level of top secret;

(B) communications security information (excluding controlled cryptographic items when un-keyed or utilized with unclassified keys);

(C) restricted data (as defined in section 11 of the Atomic Energy Act of 1954 (42 U.S.C. 2014));

(D) special access program information under section 4.3 of Executive Order No. 13526 (75 Fed. Reg. 707; 50 U.S.C. 3161 note) or successor order; or

(E) designated as sensitive compartmented information.

SEC. 844. PILOT PROGRAM TO TEST MACHINE-VISION TECHNOLOGIES TO DETERMINE THE AUTHENTICITY AND SECURITY OF MICROELECTRONIC PARTS IN WEAPON SYSTEMS.

(a) PILOT PROGRAM AUTHORIZED.—The Undersecretary of Defense for Research and Engineering, in coordination with the Defense Microelectronics Activity, shall establish a pilot program to test the feasibility and reliability of using machine-vision technologies to determine the authenticity and security of microelectronic parts in weapon systems.

(b) OBJECTIVES OF PILOT PROGRAM.—The Undersecretary of Defense for Research and Engineering, in coordi-

nation with the Defense Microelectronics Activity, shall design any pilot program conducted under this section to determine the following:

(1) The effectiveness and technology readiness level of machine-vision technologies to determine the authenticity of microelectronic parts at the time of the creation of such part through final insertion of such part into weapon systems.

(2) The best method of incorporating machine-vision technologies into the process of developing, transporting, and inserting microelectronics into weapon systems.

(3) The rules, regulations, or processes that hinder the development and incorporation of machine-vision technologies, and the application of such rules, regulations, or processes to mitigate counterfeit microelectronics proliferation throughout the Department of Defense.

(c) CONSULTATION.—To develop the pilot program under this section, the Undersecretary of Defense for Research and Engineering, in coordination with the Defense Microelectronics Activity, may consult with the following entities:

(1) Manufacturers of semiconductors or electronics.

(2) Industry associations relating to semiconductors or electronics.

(3) Original equipment manufacturers of products for the Department of Defense.

(4) Nontraditional defense contractors (as defined in section 2302(9) of title 10, United States Code) that are machine vision companies.

(5) Federal laboratories (as defined in section 2500(5) of title 10, United States Code).

(6) Other elements of the Department of Defense that fall under the authority of the Undersecretary of Defense for Research and Engineering.

(d) COMMENCEMENT AND DURATION.—The pilot program established under this section shall be established not later than April 1, 2019, and all activities under such pilot program shall terminate not later than December 31, 2020.

Subtitle E—Small Business Matters

SEC. 851. DEPARTMENT OF DEFENSE SMALL BUSINESS STRATEGY.

(a) IN GENERAL.—Chapter 136 of title 10, United States Code, is amended by adding at the end the following new section:

"§ 2283. Department of Defense small business strategy

"(a) IN GENERAL.—The Secretary of Defense shall implement a small business strategy for the Department of Defense that meets the requirements of this section.

"(b) UNIFIED MANAGEMENT STRUCTURE.—As part of the small business strategy described in subsection (a), the Secretary shall ensure that there is a unified management structure within the Department for the functions of the Department relating to—

"(1) programs and activities related to small business concerns (as defined in section 3 of the Small Business Act);

"(2) manufacturing and industrial base policy; and

"(3) any procurement technical assistance program established under chapter 142 of this title.

"(c) PURPOSE OF SMALL BUSINESS PROGRAMS.—The Secretary shall ensure that programs and activities of the Department of Defense related to small business concerns are carried out so as to further national defense programs and priorities and the statements of purpose for Department of Defense acquisition set forth in section 801 of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115–91; 131 Stat. 1449).

"(d) POINTS OF ENTRY INTO DEFENSE MARKET.—The Secretary shall ensure—

"(1) that opportunities for small business concerns to contract with the Department of Defense are identified clearly; and

"(2) that small business concerns are able to have access to program managers, contracting officers, and other persons using the products or services of such concern to the extent necessary to inform such persons of emerging and existing capabilities of such concerns.

"(e) ENHANCED OUTREACH UNDER PROCUREMENT TECHNICAL ASSISTANCE PROGRAM MARKET.—The Secretary shall enable and promote activities to provide coordinated outreach to small business concerns through any procurement technical assistance program established under chapter 142 of this title to facilitate small business contracting with the Department of Defense.".

(b) IMPLEMENTATION.—

(1) DEADLINE.—The Secretary of Defense shall develop the small business strategy required by section 2283 of title 10, United States Code, as added by subsection (a), not later than 180 days after the date of the enactment of this Act.

(2) NOTICE TO CONGRESS AND PUBLICATION.—Upon completion of the development of the small business strategy pursuant to paragraph (1), the Secretary shall—

(A) transmit the strategy to Congress; and

(B) publish the strategy on a public website of the Department of Defense.

(c) CLERICAL AMENDMENT.—The table of sections at the beginning of such chapter is amended by adding at the end the following new item:

"2283. Department of Defense small business strategy.".

SEC. 852. PROMPT PAYMENTS OF SMALL BUSINESS CONTRACTORS.

Section 2307(a) of title 10, United States Code, is amended—

(1) by redesignating paragraphs (1) and (2) as subparagraphs (A) and (B), respectively;

(2) by striking "The head of any agency may—" and inserting "(1) The head of any agency may"; and

(3) by adding at the end the following new paragraph:

"(2)(A) For a prime contractor (as defined in section 8701 of title 41) that is a small business concern (as defined in section 3 of the Small Business Act (15 U.S.C. 632)), the head of an agency shall, to the fullest extent permitted

by law, establish an accelerated payment date with a goal of 15 days after receipt of a proper invoice for the amount due if a specific payment date is not established by contract.

"(B) For a prime contractor that subcontracts with a small business concern, the head of an agency shall, to the fullest extent permitted by law, establish an accelerated payment date with a goal of 15 days after receipt of a proper invoice for the amount due if—

"(i) a specific payment date is not established by contract; and

"(ii) the prime contractor agrees to make payments to the subcontractor in accordance with the accelerated payment date, to the maximum extent practicable, without any further consideration from or fees charged to the subcontractor.".

SEC. 853. INCREASED PARTICIPATION IN THE SMALL BUSINESS ADMINISTRATION MICROLOAN PROGRAM.

(a) DEFINITIONS.—In this section—

(1) the term "intermediary" has the meaning given that term in section 7(m)(11) of the Small Business Act (15 U.S.C. 636(m)(11)); and

(2) the term "microloan program" means the program established under section 7(m) of the Small Business Act (15 U.S.C. 636(m)).

(b) MICROLOAN INTERMEDIARY LENDING LIMIT INCREASED.—Section 7(m)(3)(C) of the Small Business Act (15 U.S.C. 636(m)(3)(C)) is amended by striking "$5,000,000" and inserting "$6,000,000".

(c) MICROLOAN TECHNICAL ASSISTANCE.—Section 7(m)(4)(E) of the Small Business Act (15 U.S.C. 636(m)(4)(E)) is amended by striking "25 percent" each place such term appears and inserting "50 percent".

(d) SBA STUDY OF MICROENTERPRISE PARTICIPATION.—Not later than 1 year after the date of enactment of this section, the Administrator of the Small Business Administration shall conduct a study and submit to the Committee on Small Business and Entrepreneurship of the Senate and the Committee on Small Business of the House of Representatives a report on—

(1) the operations (including services provided, structure, size, and area of operation) of a representative sample of—

(A) intermediaries that are eligible to participate in the microloan program and that do participate; and

(B) intermediaries that are eligible to participate in the microloan program and that do not participate;

(2) the reasons why eligible intermediaries described in paragraph (1)(B) choose not to participate in the microloan program;

(3) recommendations on how to encourage increased participation in the microloan program by eligible intermediaries described in paragraph (1)(B); and

(4) recommendations on how to decrease the costs associated with participation in the microloan program for eligible intermediaries.

(e) GAO STUDY ON MICROLOAN INTERMEDIARY PRACTICES.—Not later than 1 year after the date of enactment of this section, the Comptroller General of the United States shall submit to the Committee on Small Business and Entrepreneurship of the Senate and the Committee on Small Business of the House of Representatives a report evaluating—

(1) oversight of the microloan program by the Small Business Administration, including oversight of intermediaries participating in the microloan program; and

(2) the specific processes used by the Small Business Administration to ensure—

(A) compliance by intermediaries participating in the microloan program; and

(B) the overall performance of the microloan program.

SEC. 854. AMENDMENTS TO SMALL BUSINESS INNOVATION RESEARCH PROGRAM AND SMALL BUSINESS TECHNOLOGY TRANSFER PROGRAM.

(a) USE OF SBIR OR STTR FUNDING FOR ADMINISTRATIVE COSTS.—Section 9 of the Small Business Act (15 U.S.C. 638) is amended—

(1) in subsection (f)—

(A) in paragraph (2), by striking "shall not" and all that follows through "make available" and inserting "shall not make available"; and

(B) by adding at the end the following new paragraph:

"(5) ADMINISTRATIVE COSTS.—A Federal agency may use up to 3 percent of its SBIR budget established pursuant to paragraph (1) for the purpose of funding administrative costs of the program."; and

(2) in subsection (n)—

(A) in paragraph (2), by striking "shall not" and all that follows through "make available" and inserting "shall not make available"; and

(B) by adding at the end the following new paragraph:

"(4) ADMINISTRATIVE COSTS.—A Federal agency may use up to 3 percent of its SBIR budget established pursuant to paragraph (1) for the purpose of funding administrative costs of the program.".

(b) EXPANSION OF PHASE FLEXIBILITY.—Section 9(cc) of such Act (15 U.S.C. 638(cc)) is amended by striking "During fiscal years" and all that follows through "may each provide" and inserting "During fiscal years 2018 through 2022, all agencies participating in the SBIR program may provide".

SEC. 855. CONSTRUCTION CONTRACT ADMINISTRATION.

Section 15 of the Small Business Act (15 U.S.C. 644) is amended by adding at the end the following new subsection:

"(w) SOLICITATION NOTICE REGARDING ADMINISTRATION OF CHANGE ORDERS FOR CONSTRUCTION.—

"(1) IN GENERAL.—With respect to any solicitation for the award of a contract for construction anticipated to be awarded to a small business concern, the agency administering such contract shall provide a notice along with the solicitation to prospective bidders and offerors that includes—

"(A) information about the agency's policies or practices in complying with the requirements of the Federal Acquisition Regulation relating to the timely definitization of requests for an equitable adjustment; and

"(B) information about the agency's past performance in definitizing requests for equitable adjustments in accordance with paragraph (2).

"(2) REQUIREMENTS FOR AGENCIES.—An agency shall provide the past performance information described under paragraph (1)(B) as follows:

"(A) For the 3-year period preceding the issuance of the notice, to the extent such information is available.

"(B) With respect to an agency that, on the date of the enactment of this subsection, has not compiled the information described under paragraph (1)(B)—

"(i) beginning 1 year after the date of the enactment of this subsection, for the 1-year period preceding the issuance of the notice;

"(ii) beginning 2 years after the date of the enactment of this subsection, for the

2-year period preceding the issuance of the notice; and

"(iii) beginning 3 years after the date of the enactment of this subsection and each year thereafter, for the 3-year period preceding the issuance of the notice.

"(3) FORMAT OF PAST PERFORMANCE INFORMATION.—In the notice required under paragraph (1), the agency shall ensure that the past performance information described under paragraph (1)(B) is set forth separately for each definitization action that was completed during the following periods:

"(A) Not more than 30 days after receipt of a request for an equitable adjustment.

"(B) Not more than 60 days after receipt of a request for an equitable adjustment.

"(C) Not more than 90 days after receipt of a request for an equitable adjustment.

"(D) Not more than 180 days after receipt of a request for an equitable adjustment.

"(E) More than 365 days after receipt of a request for an equitable adjustment.

"(F) After the completion of the performance of the contract through a contract modification addressing all undefinitized requests for an

equitable adjustment received during the term of the contract.''.

SEC. 856. BROADBAND AND EMERGING INFORMATION TECHNOLOGY COORDINATOR.

(a) IN GENERAL.—The Small Business Act (15 U.S.C. 631 et seq.) is amended—

(1) by redesignating section 47 as section 48; and

(2) by inserting after section 46 the following:

''SEC. 47. BROADBAND AND EMERGING INFORMATION TECHNOLOGY.

''(a) DEFINITIONS.—In this section—

''(1) the term 'OII Associate Administrator' means the Associate Administrator for the Office of Investment and Innovation; and

''(2) the term 'broadband and emerging information technology coordinator' means the employee designated to carry out the broadband and emerging information technology coordination responsibilities of the Administration under subsection (b)(1).

''(b) ASSIGNMENT OF COORDINATOR.—

''(1) ASSIGNMENT OF COORDINATOR.—The OII Associate Administrator shall designate a senior employee of the Office of Investment and Innovation to

serve as the broadband and emerging information technology coordinator, who—

"(A) shall report to the OII Associate Administrator;

"(B) shall work in coordination with—

"(i) the chief information officer, the chief technology officer, and the head of the Office of Technology of the Administration; and

"(ii) any other Associate Administrator of the Administration determined appropriate by the OII Associate Administrator;

"(C) has experience developing and implementing telecommunications policy in the private sector or government; and

"(D) has demonstrated significant experience in the area of broadband or emerging information technology.

"(2) RESPONSIBILITIES OF COORDINATOR.—The broadband and emerging information technology coordinator shall—

"(A) coordinate programs of the Administration that assist small business concerns in adopting, making innovations in, and using

broadband and other emerging information technologies;

"(B) serve as the primary liaison of the Administration to other Federal agencies involved in broadband and emerging information technology policy, including the Department of Commerce, the Department of Agriculture, and the Federal Communications Commission;

"(C) identify best practices relating to broadband and emerging information technology that may benefit small business concerns; and

"(D) identify and catalog tools and training available through the resource partners of the Administration that assist small business concerns in adopting, making innovations in, and using broadband and emerging technologies.

"(3) TRAVEL.—Not more than 20 percent of the hours of service by the broadband and emerging information technology coordinator during any fiscal year shall consist of travel outside the United States to perform official duties.

"(c) BROADBAND AND EMERGING TECHNOLOGY TRAINING.—

"(1) TRAINING.—The OII Associate Administrator shall provide to employees of the Administration training that—

"(A) familiarizes employees of the Administration with broadband and other emerging information technologies;

"(B) includes—

"(i) instruction on counseling small business concerns regarding adopting, making innovations in, and using broadband and other emerging information technologies; and

"(ii) information on programs of the Federal Government that provide assistance to small business concerns relating to broadband and emerging information technologies; and

"(C) to maximum extent practicable, uses the tools and training cataloged and identified under subsection (b)(2)(D).

"(2) FUNDING.—The Administrator shall use funds made available to the Office of Investment and Innovation to carry out this subsection.

"(d) REPORTS.—

"(1) BIENNIAL REPORT ON ACTIVITIES.—Not later than 2 years after the date on which the OII Associate Administrator makes the first designation of an employee under subsection (b), and every 2 years thereafter, the broadband and emerging information technology coordinator shall submit to the Committee on Small Business and Entrepreneurship of the Senate and the Committee on Small Business of the House of Representatives a report regarding the programs and activities of the Administration relating to broadband and other emerging information technologies.

"(2) IMPACT OF BROADBAND SPEED AND PRICE ON SMALL BUSINESSES.—

"(A) IN GENERAL.—Subject to appropriations, the Chief Counsel for Advocacy shall conduct a study evaluating the impact of broadband speed and price on small business concerns.

"(B) REPORT.—Not later than 3 years after the date of enactment of the Small Business Broadband and Emerging Information Technology Enhancement Act of 2017, the Chief Counsel for Advocacy shall submit to the Committee on Commerce, Science, and Transportation and the Committee on Small Business

and Entrepreneurship of the Senate and the Committee on Energy and Commerce and the Committee on Small Business of the House of Representatives a report on the results of the study under subparagraph (A), including—

"(i) a survey of broadband speeds available to small business concerns;

"(ii) a survey of the cost of broadband speeds available to small business concerns;

"(iii) a survey of the type of broadband technology used by small business concerns; and

"(iv) any policy recommendations that may improve the access of small business concerns to comparable broadband services at comparable rates in all regions of the United States.".

(b) ENTREPRENEURIAL DEVELOPMENT.—Section 21(c)(3)(B) of the Small Business Act (15 U.S.C. 648(c)(3)(B)) is amended—

(1) in the matter preceding clause (i), by inserting "accessing broadband and other emerging information technology," after "technology transfer,";

(2) in clause (ii), by striking "and" at the end;

(3) in clause (iii), by adding "and" at the end; and

(4) by adding at the end the following:

"(iv) increasing the competitiveness and productivity of small business concerns by assisting owners of such concerns in accessing broadband and other emerging information technology;".

SEC. 857. AMENDMENTS TO THE SMALL BUSINESS INVESTMENT ACT OF 1958.

(a) INVESTMENT IN SMALL BUSINESS INVESTMENT COMPANIES.—Section 302(b) of the Small Business Investment Act of 1958 (15 U.S.C. 682(b)) is amended—

(1) in paragraph (1), by inserting before the period the following: "or, subject to the approval of the appropriate Federal banking agency, 15 percent of such capital and surplus";

(2) in paragraph (2), by inserting before the period the following: "or, subject to the approval of the appropriate Federal banking agency, 15 percent of such capital and surplus"; and

(3) by adding at the end the following:

"(3) APPROPRIATE FEDERAL BANKING AGENCY DEFINED.—For purposes of this subsection, the term 'appropriate Federal banking agency' has the mean-

ing given that term under section 3 of the Federal Deposit Insurance Act.".

(b) INCREASE TO MAXIMUM LEVERAGE LIMIT.—Section 303(b)(2)(A)(ii) of the Small Business Investment Act of 1958 (15 U.S.C. 683(b)(2)(A)(ii)) is amended by striking "$150,000,000" and inserting "$175,000,000".

SEC. 858. CONSOLIDATED BUDGET JUSTIFICATION FOR THE DEPARTMENT OF DEFENSE SMALL BUSINESS INNOVATION RESEARCH PROGRAM AND SMALL BUSINESS TECHNOLOGY TRANSFER PROGRAM.

(a) SUBMISSION WITH ANNUAL BUDGET JUSTIFICATION DOCUMENTS.—The Secretary of Defense, acting through the Under Secretary of Defense for Research and Engineering, shall include in the materials submitted to Congress by the Secretary of Defense in support of the budget of the President for each fiscal year (as submitted to Congress under section 1105 of title 31, United States Code) a budget justification for all activities conducted under a Small Business Innovation Research Program or Small Business Technology Transfer Program (as such terms are defined, respectively, in section 9(e) of the Small Business Act (15 U.S.C. 638(e))) of the Department of Defense during the previous fiscal year.

(b) REQUIREMENTS FOR BUDGET DISPLAY.—The budget justification under subsection (a) shall include—

(1) the amount obligated or expended, by appropriation and functional area, for each activity conducted under a Small Business Innovation Research Program or Small Business Technology Transfer Program, with supporting narrative descriptions and rationale for the funding levels; and

(2) a summary and estimate of funding required during the period covered by the current future-years defense program (as defined under section 221 of title 10, United States Code).

(c) TERMINATION.—The requirements of this section shall terminate on December 31, 2022.

SEC. 859. FUNDING FOR PROCUREMENT TECHNICAL ASSISTANCE PROGRAM.

(a) AMOUNT OF ASSISTANCE FROM SECRETARY.—Section 2413(b) of title 10, United States Code, is amended—

(1) by striking "not more than 65 percent" and inserting "not more than 75 percent"; and

(2) in paragraph (1), by striking "more than 65 percent, but not more than 75 percent" and inserting "more than 75 percent, but not more than 85 percent".

(b) FUNDING FOR ELIGIBLE ENTITIES.—Section 2414(a) of such title is amended—

(1) in paragraph (1), by striking "$750,000" and inserting "$1,000,000";

(2) in paragraph (2), by striking "$450,000" and inserting "$750,000";

(3) in paragraph (3), by striking "$300,000" and inserting "$450,000"; and

(4) in paragraph (4), by striking "$750,000" and inserting "$1,000,000".

SEC. 860. EXEMPTION OF CERTAIN CONTRACTS FROM THE PERIODIC INFLATION ADJUSTMENTS TO THE ACQUISITION-RELATED DOLLAR THRESHOLD.

Subparagraph (B) of section 1908(b)(2) of title 41, United States Code, is amended by inserting "3131 to 3134," after "sections".

Subtitle F—Other Matters

SEC. 871. ADDITIONAL REQUIREMENTS FOR NEGOTIATIONS FOR NONCOMMERCIAL COMPUTER SOFTWARE.

Section 2322a of title 10, United States Code, is amended by adding at the end the following new subsections:

"(c) RIGHTS TO NONCOMMERCIAL COMPUTER SOFTWARE.—As part of any negotiation for the acquisition of

noncommercial computer software, the Secretary of Defense may not require a contractor to sell or otherwise relinquish to the Federal Government any rights to noncommercial computer software developed exclusively at private expense, except for rights related to—

"(1) corrections or changes to such software or documentation related to such software furnished to the contractor by the Department of Defense;

"(2) such software or documentation related to such software that is otherwise publicly available or that has been released or disclosed by the contractor or subcontractor without restrictions on further use, release, or disclosure, other than a release or disclosure resulting from the sale, transfer, or other assignment of interest in such software or documentation to another party.

"(3) such software or documentation related to such software obtained with unlimited rights under another contract with the Federal Government or as a result of such a negotiation; or

"(4) such software or documentation related to such software furnished to the Department of Defense under a contract or subcontract that includes—

"(A) restricted rights in such software, limited rights in technical data, or government pur-

pose rights, where such restricted rights, limited rights, or government purpose rights have expired; or

"(B) government purpose rights, where the contractor's exclusive right to use such software or documentation for commercial purposes has expired.

"(d) CONSIDERATION OF SPECIALLY NEGOTIATED LICENSES.—The Secretary of Defense shall, to the maximum extent practicable, negotiate and enter into a contract with a contractor for a specially negotiated license for noncommercial computer software or documentation related to such software necessary to support the product support strategy of a major weapon system or subsystem of a major weapon system.".

SEC. 872. REMOVAL OF REQUIREMENT FOR RISK AND SENSITIVITY ANALYSIS OF BASELINE ESTIMATES IN SELECTED ACQUISITION REPORTS.

Section 2432(c)(1)(B) of title 10, United States Code, is amended by striking ", along with the associated risk and sensitivity analysis of that estimate" each place it appears.

SEC. 873. PROHIBITION ON ACQUISITION OF SENSITIVE MATERIALS FROM NON-ALLIED FOREIGN NATIONS.

(a) IN GENERAL.—Subchapter V of chapter 148 of title 10, United States Code, is amended by inserting after section 2533b the following new section:

"§ 2533c. Prohibition on acquisition of sensitive materials from non-allied foreign nations

"(a) IN GENERAL.—Except as provided in subsection (c), the Secretary of Defense may not—

"(1) procure any end item containing a covered material from any covered nation, except as provided by subsection (c); or

"(2) sell any covered material from the National Defense Stockpile, if the National Defense Stockpile Manager determines that such a sale is not in the national interests of the United States, to—

"(A) any covered nation; or

"(B) any third party that the Secretary reasonably believes is acting as a broker or agent for a covered nation or an entity in a covered nation.

"(b) EXTENSION.—Subsection (a) shall apply to prime contracts and subcontracts at any tier.

"(c) EXCEPTIONS.—Subsection (a) does not apply under the following circumstances:

"(1) If the Secretary of Defense determines that covered materials of satisfactory quality and quantity, in the required form, cannot be procured as and when needed.

"(2) To the procurement of an end item described in subsection (a)(1) or the sale of any covered material described under subsection (a)(1) by the Secretary outside of the United States for use outside of the United States.

"(3) To the purchase by the Secretary of an end item containing a covered material that is—

"(A) a commercially available off-the-shelf item (as defined in section 104 of title 41); or

"(B) an electronic device, unless the Secretary of Defense, upon the recommendation of the Strategic Materials Protection Board pursuant to section 187 of this title, determines that the domestic availability of a particular electronic device is critical to national security.

"(d) DEFINITIONS.—In this section:

"(1) COVERED MATERIAL.—The term 'covered material' means—

"(A) samarium-cobalt magnets;

"(B) neodymium-iron-boron magnets;

"(C) tungsten penetrators; and

"(D) tungsten or tungsten alloy spheres and cubes.

"(2) COVERED NATION.—The term 'covered nation' means—

"(A) the Democratic People's Republic of North Korea;

"(B) the People's Republic of China;

"(C) the Russian Federation; and

"(D) the Islamic Republic of Iran.

"(3) END ITEM.—The term 'end item' has the meaning given in section 2533b(m) of this title.".

(b) CLERICAL AMENDMENT.—The table of contents at the beginning of such subchapter is amended by inserting after the item relating to section 2533b the following item:

"2533c. Prohibition on acquisition of sensitive materials from non-allied foreign nations.".

SEC. 874. TRANSFER OR POSSESSION OF DEFENSE ITEMS FOR NATIONAL DEFENSE PURPOSES.

(a) TRANSFER AND POSSESSION EXCEPTIONS.—Section 922(o)(2) of title 18, United States Code, is amended—

(1) in subparagraph (A), by striking "or by" and inserting ", by, or under the authority of";

(2) by striking "or" at the end of subparagraph (A);

(3) by striking the period at the end of subparagraph (B) and inserting a semicolon; and

(4) by inserting after subparagraph (B) the following new subparagraphs:

"(C) a transfer to, or possession by, a licensed manufacturer or licensed importer (if, with respect to a transfer, such transfer has been approved by the Attorney General in accordance with law) for purposes of—

"(i) joint production of a weapon, or integration or incorporation into another article or device;

"(ii) calibration, testing, or research and development;

"(iii) permanent or temporary export, or temporary import, otherwise in accordance with law; or

"(iv) training of Federal, State, local, or foreign government personnel;

"(D) a transfer to, or possession by, a licensee for the purpose of repair and return of the same to a lawful possessor; or

"(E) notwithstanding subsection (g)(5)(B), possession by foreign government personnel for official training purposes under the direct and continuous supervision of an authorized Federal, State, or local government official, or a licensee as described in sub-

paragraph (C), provided that, upon completion of the training, such foreign government personnel shall relinquish possession of the same to such official or licensee.".

(b) IMPORTATION REQUIREMENTS.—Section 925(d) of such title is amended—

(1) in paragraph (3)—

(A) by inserting "except as provided in paragraph (5)," before "is of"; and

(B) by striking "or" at the end;

(2) in paragraph (4), by striking the period at the end and inserting "; or"; and

(3) by inserting after paragraph (4) the following new paragraph:

"(5) is being imported or brought in by a licensed manufacturer or licensed importer in conformity with, and solely for a purpose described in subparagraph (A), (C), (D), or (E) of section 922(o)(2).".

(c) EFFECTIVE DATE.—This section and the amendments made by this section shall take effect 30 days after the date of the enactment of this Act.

SEC. 875. EXPEDITED HIRING AUTHORITY FOR SHORTAGE CATEGORY POSITIONS IN THE ACQUISITION WORKFORCE.

Section 1703(j) of title 41, United States Code, is amended—

(1) in paragraph (1)—

(A) by striking "sections 3304, 5333, and 5753 of title 5" and inserting "section 3304 of title 5";

(B) by striking "authorities in those sections" and inserting "authority in such section"; and

(C) by striking "certain Federal acquisition positions (as described in subsection (g)(1)(A))" and inserting "the Federal acquisition provisions described in paragraph (2)"; and

(2) by redesignating paragraph (2) as paragraph (3);

(3) by inserting after paragraph (1) the following new paragraph:

"(2) POSITIONS DESCRIBED.—The Federal acquisition positions described in this paragraph are the following:

"(A) Any position listed in (g)(1)(A).

"(B) All positions in the General Schedule Realty series (GS–1170)."; and

(4) in paragraph (3) (as so redesignated), by striking "September 30, 2017" and inserting "September 30, 2021".

SEC. 876. EXTENSION OF PROHIBITION ON PROVIDING FUNDS TO THE ENEMY.

Section 841(n) of the Carl Levin and Howard P. "Buck" McKeon National Defense Authorization Act for Fiscal Year 2015 (Public Law 113–291; 127 Stat. 3455; 10 U.S.C. 2302 note) is amended by striking "December 31, 2019" and inserting "December 31, 2021".

SEC. 877. REPEAL OF CERTAIN DETERMINATIONS REQUIRED FOR GRANTS OF EXCEPTIONS TO COST OR PRICING DATA CERTIFICATION REQUIREMENTS AND WAIVERS OF COST ACCOUNTING STANDARDS.

Section 817(b) of the Bob Stump National Defense Authorization Act for Fiscal Year 2003 (Public Law 107–314; 10 U.S.C. 2306a note) is amended—

(1) by striking paragraph (1); and

(2) by redesignating paragraphs (2) and (3) as paragraphs (1) and (2), respectively.

SEC. 878. REPORTING ON PROJECTS PERFORMED THROUGH TRANSACTIONS OTHER THAN CONTRACTS, COOPERATIVE AGREEMENTS, AND GRANTS.

(a) REPORT REQUIRED.—Not later than December 31, 2018, and each December 31 thereafter through December 31, 2021, the Secretary of Defense shall submit to the congressional defense committees a report covering the preceding fiscal year on projects described in subsection (b).

(b) CONTENTS.—Each report under subsection (a) shall include—

(1) for each project performed through a transaction (other than contracts, cooperative agreements, and grants) entered into pursuant to section 2371 or 2371b of title 10, United States Code, for which payments made by the Department of Defense exceeded $5,000,000 for such transaction—

(A) an identification of the element of the Department of Defense and the person or entity outside of the Department of Defense entering into such transaction;

(B) the date of entry into such transaction;

(C) the amount of the payments made by the Department of Defense for such transaction;

(D) the goals and status of each project carried out under such transaction; and

(E) the start date and anticipated end date of each project carried out under such transaction; and

(2) a description of the mechanisms, including any policies, guidance, and reporting requirements, established by the Secretary of Defense to regulate the use of authority relating to a transaction (other than contracts, cooperative agreements, and grants) entered into pursuant to section 2371 or 2371b of title 10, United States Code.

SEC. 879. STANDARDIZATION OF FORMATTING AND PUBLIC ACCESSIBILITY OF DEPARTMENT OF DEFENSE REPORTS TO CONGRESS.

(a) BRIEFING REQUIRED.—Not later than March 1, 2019, the Secretary of Defense shall provide a briefing to the Committee on Armed Services of the House of Representatives on a plan to standardize the formatting and public accessibility of unclassified Department of Defense reports required by Congress. Such briefing shall include a description of the method—

(1) for ensuring that reports are created in a platform-independent, machine-readable format that can be retrieved, downloaded, indexed, and searched by commonly used web search applications; and

(2) for providing a publically accessible online repository of unclassified reports of the Department of Defense issued since January 1, 2010, including protocols for inclusion of unclassified reports that, as determined by the Secretary, may not be appropriate for public release in their entirety.

(b) IMPLEMENTATION.—Such plan shall be implemented not later than March 1, 2020.

SEC. 880. DEFENDING UNITED STATES GOVERNMENT COMMUNICATIONS.

(a) FINDINGS.—Congress makes the following findings:

(1) In its 2011 "Annual Report to Congress on Military and Security Developments Involving the People's Republic of China", the Department of Defense stated that, "China's defense industry has benefitted from integration with a rapidly expanding civilian economy and science and technology sector, particularly elements that have access to foreign technology. Progress within individual defense sectors appears linked to the relative integration of each, through China's civilian economy, into the global production and R&D chain . . . Information technology companies in particular, including Huawei, Datang, and Zhongxing, maintain close ties to the PLA.".

(2) In a 2011 report titled "The National Security Implications of Investments and Products from the People's Republic of China in the Telecommunications Sector", the United States China Commission stated that "[n]ational security concerns have accompanied the dramatic growth of China's telecom sector. . . . Additionally, large Chinese companies—particularly those 'national champions' prominent in China's 'going out' strategy of overseas expansion—are directly subject to direction by the Chinese Communist Party, to include support for PRC state policies and goals.".

(3) The Commission further stated in its report that "[f]rom this point of view, the clear economic benefits of foreign investment in the U.S. must be weighed against the potential security concerns related to infrastructure components coming under the control of foreign entities. This seems particularly applicable in the telecommunications industry, as Chinese companies continue systematically to acquire significant holdings in prominent global and U.S. telecommunications and information technology companies.".

(4) In its 2011 Annual Report to Congress, the United States China Commission stated that "[t]he

extent of the state's control of the Chinese economy is difficult to quantify . . . There is also a category of companies that, though claiming to be private, are subject to state influence. Such companies are often in new markets with no established SOE leaders and enjoy favorable government policies that support their development while posing obstacles to foreign competition. Examples include Chinese telecoms giant Huawei and such automotive companies as battery maker BYD and vehicle manufacturers Geely and Chery.".

(5) General Michael Hayden, who served as Director of the Central Intelligence Agency and Director of the National Security Agency, stated in July 2013 that Huawei had "shared with the Chinese state intimate and extensive knowledge of foreign telecommunications systems it is involved with.".

(6) The Federal Bureau of Investigation, in a February 2015 Counterintelligence Strategy Partnership Intelligence Note stated that, "[w]ith the expanded use of Huawei Technologies Inc. equipment and services in U.S. telecommunications service provider networks, the Chinese Government's potential access to U.S. business communications is dramatically increasing. Chinese Government-supported tele-

communications equipment on U.S. networks may be exploited through Chinese cyber activity, with China's intelligence services operating as an advanced persistent threat to U.S. networks.".

(7) The Federal Bureau of Investigation further stated in its February 2015 counterintelligence note that, "China makes no secret that its cyber warfare strategy is predicated on controlling global communications network infrastructure.".

(8) At a hearing before the Committee on Armed Services of the House of Representatives on September 30, 2015, Deputy Secretary of Defense Robert Work, responding to a question about the use of Huawei telecommunications equipment, stated, "In the Office of the Secretary of Defense, absolutely not. And I know of no other—I don't believe we operate in the Pentagon, any [Huawei] systems in the Pentagon.".

(9) At such hearing, the Commander of the United States Cyber Command, Admiral Mike Rogers, responding to a question about why such Huawei telecommunications equipment is not used, stated, "as we look at supply chain and we look at potential vulnerabilities within the system, that it is a risk we felt was unacceptable.".

(10) In March 2017, ZTE Corporation pled guilty to conspiring to violate the International Emergency Economic Powers Act by illegally shipping United States-origin items to Iran, paying the United States Government a penalty of $892,360,064 dollars for activity between January 2010 and January 2016.

(11) The Treasury Department's Office of Foreign Assets Control issued a subpoena to Huawei as part of a Federal investigation of alleged violations of trade restrictions on Cuba, Iran, Sudan, and Syria.

(12) In the bipartisan Permanent Select Committee on Intelligence of the House of Representatives "Investigative Report on the United States National Security Issues Posed by Chinese Telecommunication Companies Huawei and ZTE" released in 2012, it was recommended that "U.S. government systems, particularly sensitive systems, should not include Huawei or ZTE equipment, including in component parts. Similarly, government contractors—particularly those working on contracts for sensitive U.S. programs—should exclude ZTE or Huawei equipment in their systems.".

(13) Christopher Wray, who serves as Director of the Federal Bureau of Investigation, stated in Feb-

ruary 2018 during a hearing of the Select Committee on Intelligence of the Senate that he was "deeply concerned about the risks of allowing any company or entity that is beholden to foreign governments that don't share our values to gain positions of power inside our telecommunications networks. That provides the capacity to exert pressure or control over our telecommunications infrastructure. It provides the capacity to maliciously modify or steal information. And it provides the capacity to conduct undetected espionage." Admiral Mike Rogers, who served as Director of the National Security Agency, agreed with Director Wray's characterization, and added that Government programs need "to look long and hard at companies like this".

(14) Director of National Intelligence Dan Coats, Federal Bureau of Investigation Director Christopher Wray, Director of the Defense Intelligence Agency General Robert Ashley, Director of the National Geospatial-Intelligence Agency Robert Cardillo, Director of the National Security Agency Admiral Michael Rogers, and Director of the Central Intelligence Agency Michael Pompeo all indicated by show of hands in February 2018 at a hearing of the Select Committee

on Intelligence of the Senate that they would not "use products or services from Huawei or ZTE".

(15) General Paul Nakasone, who served as the Commanding General of United States Army Cyber Command, stated during his confirmation hearing to be National Security Agency director in March 2018 before the Select Committee on Intelligence of the Senate that he "would not" use any Huawei, China Unicom, or China Telecom products nor would he recommend his family do so.

(b) PROHIBITION ON CERTAIN TELECOMMUNICATIONS SERVICES OR EQUIPMENT.—

(1) PROHIBITION ON AGENCY USE OR PROCUREMENT.—Except as provided in paragraph (3), beginning not later than January 1, 2021, the head of an agency may not procure or obtain, may not extend or renew a contract to procure or obtain, and may not enter into a contract (or extend or renew a contract) with an entity that uses any equipment, system, or service that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system.

(2) IMPLEMENTATION PLAN.—By not later than 180 days after the date of the enactment of this Act,

each agency shall develop a plan to implement paragraph (1) throughout the agency's supply chain and shall submit such plan to the appropriate congressional committees. Each such plan shall be submitted in unclassified form, but may contain a classified annex. The plan for an agency shall include, but not be limited to, how the agency plans to deal with the impact of white label technology on its supply chain whereby the original manufacturer of technology is not readily apparent to a purchaser or user.

(3) WAIVER.—The head of an agency may, on a one time basis, waive the requirement under paragraph (1) with respect to an entity that requests such a waiver. Such a waiver may be provided for a period of not more than two years if the entity seeking the waiver—

(A) can demonstrate a compelling justification for additional time to implement such paragraph;

(B) submits to the head of the agency, who then submits to the appropriate congressional committees within 30 days, a full and complete laydown of the presence of covered telecommunications equipment or services in the entity's supply chain and a phase-out plan to eliminate

such covered telecommunications equipment or services from its systems;

(C) does not permit real-time access to its networks to an entity located or substantially located in a covered foreign country; and

(D) provides a written guarantee to the head of the agency that it will not procure such covered telecommunications equipment or services again.

(4) COVERED COMPONENTS.—With respect to a covered component of an entity for which such entity reasonably believes will not need to be replaced during the 5-year period beginning on the date of the enactment of this Act, such entity shall provide a written assurance to the head of the agency for which such covered component is in use that such entity shall replace such covered component, at the end of such covered component's reasonable lifecycle, with a comparable component that is manufactured by a person other than Huawei Technologies Company or ZTE Corporation (or any subsidiary, successor entity, or affiliate of such entities).

(5) DEFINITIONS.—In this section:

(A) The term "appropriate congressional committees" means the Committees on Armed

Services of the Senate and House of Representatives, the Permanent Select Committee on Intelligence of the House of Representatives, the Select Committee on Intelligence of the Senate, the Committee on Oversight and Government Reform of the House of Representatives, and the Committee on Homeland Security and Governmental Affairs of the Senate.

(B) The term "agency" has the meaning given that term in section 551 of title 5, United States Code.

(C) The term "covered foreign country" means the People's Republic of China.

(D) The term "covered telecommunications equipment or services" means any of the following:

(i) Telecommunications equipment produced by Huawei Technologies Company or ZTE Corporation (or any subsidiary, successor entity, or affiliate of such entities).

(ii) Telecommunications services provided by such entities or using such equipment.

(iii) Telecommunications equipment or services produced or provided by an entity that the head of the relevant agency reasonably believes to be an entity owned or controlled by, or otherwise connected to, the government of a covered foreign country.

(E) The term "covered component" means any component that—

(i) is part of any equipment, system, or service that uses covered telecommunications equipment or services;

(ii) is produced by Huawei Technologies Company or ZTE Corporation (or any subsidiary, successor entity, or affiliate of such entities); and

(iii) cannot route or redirect data traffic or visibility into any data or packets such equipment, system, or service transmits or manipulates.

(c) REPORT.—

(1) IN GENERAL.—The Director of National Intelligence, in coordination with the Director of the Federal Bureau of Investigation and the Secretaries of State, Homeland Security, and Defense, shall develop a report outlining the national security risks of

use of Huawei and ZTE technology, especially as it relates to evidence of malicious software or hardware that enables unauthorized network access or control and the type and level of risk, and a plan to share such report, based on appropriate access to classified information, with U.S. allies, partners, and U.S. cleared defense contractors and telecommunications services providers.

(2) UNCLASSIFIED VERSION.—In addition to the classified report required by paragraph (1), an unclassified version of the report shall be made available for U.S. allies and partners as well as impacted telecommunication companies that do not have access to classified information.

(3) DEADLINE.—The reports required by paragraph (1) and paragraph (2) of this subsection shall be submitted to the appropriate congressional committees (as defined in subsection (b)(4) of this section) not later than 180 days after the date of the enactment of this Act.

TITLE IX—DEPARTMENT OF DEFENSE ORGANIZATION AND MANAGEMENT

Subtitle A—Organization and Management of the Department of Defense Generally

SEC. 901. AUTHORITY OF SECRETARY OF DEFENSE TO DETERMINE COMMAND AND CONTROL RELATIONSHIPS.

Section 113 of title 10, United States Code, is amended by inserting after subsection (k) the following:

''(l) COMMAND AND CONTROL AUTHORITY.—The Secretary of Defense shall have the authority to determine command and control relationships within the military departments, Defense Agencies, and other organizations and elements of the Department of Defense, including the United States Fleet Forces Command and the United States Transportation Command, as necessary to fulfill the responsibilities of the Secretary under this title.''.

SEC. 902. CIVILIAN PERSONNEL MANAGEMENT.

Section 129 of title 10, United States Code, is amended—

(1) in subsection (a), by striking ''Any constraint or limitation in terms of man years, end strength, full-time equivalent positions, or maximum

number of employees shall be developed on the basis of those factors and shall be subject to adjustment solely for reasons of changed circumstances." and inserting "The cost of the civilian workforce as prescribed by Department of Defense Instruction 7041.04, issued in 2013 or any successor guidance, shall be compared to the costs of the military and contract workforces, consistent with the requirements of section 129a, 2461, and 2463 of this title."; and

(2) in subsection (c)(2)—

(A) in each of subparagraphs (A) and (B), by inserting "and associated costs" after "projected size"; and

(B) in subparagraph (B), by striking "that have been taken to identify offsetting reductions and avoid unnecessary overall growth in the size of the civilian workforce" and inserting "to reduce the overall costs of the total force of military, civilian, and contract workforces consistent with sections 129a, 2461, and 2463 of this title".

SEC. 903. PERFORMANCE OF CIVILIAN FUNCTIONS BY MILITARY PERSONNEL.

Section 129a(g)(1) of title 10, United States Code, is amended—

(1) in subparagraph (A), by striking "or required by a mission" and inserting "pursuant to Department of Defense Instruction 7041.04, issued on July 3, 2013, or any successor guidance, and when required by a mission within the military occupational specialty for which the military personnel have been trained"; and

(2) in subparagraph (B), by inserting ", and only if the functions to be performed by military personnel are consistent with the training requirements for the military occupational specialty for which such personnel have been trained" before the period at the end.

SEC. 904. ROLES OF UNDER SECRETARY OF DEFENSE FOR POLICY AND UNDER SECRETARY OF DEFENSE FOR INTELLIGENCE.

(a) UNDER SECRETARY OF DEFENSE FOR POLICY.—Section 134(b) of title 10, United States Code, is amended—

(1) by redesignating paragraphs (3) and (4) as paragraphs (4) and (5), respectively;

(2) by inserting after paragraph (2) the following new paragraph (3):

"(3) Subject to the authority, direction, and control of the Secretary of Defense, the Under Secretary shall be

responsible and have the overall direction and supervision for—

"(A) the development, implementation, and integration across the Department of Defense of the National Defense Strategy and strategic policy guidance for the activities of the Department of Defense across all geographic regions and military functions and domains; and

"(B) the integration of the activities of the Department of Defense into the National Security Strategy of the United States."; and

(3) in paragraph (4), as redesignated by paragraph (1) of this subsection, by inserting "policy making" before "activities".

(b) UNDER SECRETARY OF DEFENSE FOR INTELLIGENCE.—Section 137(b) of title 10, United States Code, as amended by section 1621, is further amended—

(1) in paragraph (3), by striking "; and" and inserting a semicolon;

(2) by redesignating paragraph (4) as paragraph (5); and

(3) by inserting after paragraph (3) the following new paragraph (4):

"(4) have responsibility for supervising and directing, and overseeing Department of Defense activi-

ties, other than policy making activities, with respect to technology protection relating to export controls; and".

SEC. 905. DESIGNATION OF NAVY COMMANDERS.

Section 5013 of title 10, United States Code, is amended by adding at the end the following new subsections:

"(h) The Secretary of the Navy shall designate a single commander within the Department of the Navy who shall serve as the official with principal responsibility in such Department for ensuring that forces of the Navy are available for tasking and deployment, including forces that may be operating from a forward deployed location.

"(i) The Secretary of the Navy shall designate a single commander within the Department of the Navy who shall serve as the official with principal responsibility in such Department for the oversight and management of the shipyards of the Navy, including shipyards outside the United States.".

Subtitle B—Comprehensive Pentagon Bureaucracy Reform and Reduction

SEC. 911. AUTHORITIES AND RESPONSIBILITIES OF THE CHIEF MANAGEMENT OFFICER OF THE DEPARTMENT OF DEFENSE.

(a) AUTHORITIES AND RESPONSIBILITIES.—

(1) IN GENERAL.—Section 132a(b) of title 10, United States Code, is amended—

(A) by amending paragraph (3) to read as follows:

"(3) Exercising authority, direction, and control over the Defense Agencies and Department of Defense Field Activities with respect to the covered activities."; and

(B) by adding at the end the following:

"(7) Serving as the official with principal responsibility in the Department for minimizing the duplication of efforts and maximizing efficiency and effectiveness among all organizations and elements of the Department (other than the military departments) with respect to the covered activities.".

(2) BUDGET AUTHORITY.—Section 132a of title 10, United States Code (as amended by paragraph (1)) is further amended—

(A) by redesignating subsections (c) and (d) as subsections (d) and (e) respectively; and

(B) by inserting after subsection (b) the following:

"(c) BUDGET AUTHORITY.—

"(1)(A) The Secretary of Defense, acting through the Under Secretary of Defense (Comptroller), shall

require the head of each Defense Agency and Department of Defense Field Activity to transmit the proposed budget for the covered activities of such Agency or Activity for a fiscal year and for the period covered by the future-years defense program submitted to Congress under section 221 of this title for that fiscal year to the Chief Management Officer for review under subparagraph (B) before submitting the proposed budget to the Under Secretary of Defense (Comptroller).

"(B) The Chief Management Officer shall review each proposed budget transmitted under subparagraph (A) and, not later than January 31 of the year preceding the fiscal year for which the budget is proposed, shall submit to the Secretary of Defense a report containing the comments of the Chief Management Officer with respect to all such proposed budgets, together with the certification of the Chief Management Officer regarding whether each proposed budget achieves an adequate level of efficiency and effectiveness with respect to the covered activities.

"(C) Not later than March 31 of each year, the Secretary of Defense shall submit to Congress a report that includes the following:

"(i) Each proposed budget for the covered activities of a Defense Agency or a Department of Defense Field Activity that was transmitted to the Chief Management Officer under subparagraph (A).

"(ii) Identification of each proposed budget contained in the most-recent report submitted under subparagraph (B) that the Chief Management Officer did not certify as achieving an adequate level of efficiency and effectiveness with respect to the covered activities.

"(iii) A discussion of the actions that the Secretary proposes to take, together with any recommended legislation that the Secretary considers appropriate, to address the inadequate levels of efficiency and effectiveness achieved by the proposed budgets identified in the report.

"(iv) Any additional comments that the Secretary considers appropriate regarding the inadequate levels of efficiency and effectiveness achieved by the proposed budgets.

"(2) None of the funds authorized to be appropriated or otherwise made available for any fiscal year for the covered activities of a Defense Agency or

a Department of Defense Field Activity may be obligated or expended unless—

"(A) the head of the Agency or Activity submits to the Chief Management Officer a plan for the obligation and expenditure of such funds; and

"(B) the Chief Management Officer approves the plan.

"(3) Nothing in this subsection shall be construed to modify or interfere with the budget-related responsibilities of the Director of National Intelligence.".

(3) COVERED ACTIVITIES DEFINED.—Section 132a of title 10, United States Code (as amended by paragraphs (1) and (2)) is further amended by adding at the end the following:

"(f) COVERED ACTIVITIES DEFINED.—In this section, the term 'covered activities' means any activity relating to civilian resources management, logistics management, services contracting, or real estate management.".

(b) STREAMLINING OF CERTAIN FUNCTIONS ACROSS THE DEPARTMENT OF DEFENSE.—

(1) STREAMLINING OF FUNCTIONS.—

(A) IN GENERAL.—Except as provided in subparagraph (B), not later than January 1, 2021, and not less frequently than once every five

years thereafter, the Secretary of Defense, acting through the Chief Management Officer of the Department Defense, shall reduce or eliminate duplicative functions across all organizations and elements of the Department of Defense with respect to the covered activities.

(B) EXCEPTION.—The military services shall not be included in any reductions or eliminations carried out under subparagraph (A) on or before January 1, 2021.

(2) CERTIFICATION AND REVIEW OF COST SAVINGS.—

(A) CERTIFICATION.—Not later January 1, 2021, the Chief Management Officer shall certify to the congressional defense committees that the reductions and eliminations carried out under paragraph (1) accomplished savings with respect to the total amount obligated and expended for the covered activities in fiscal year 2020 that were not less than 25 percent of the baseline amount.

(B) GAO REVIEW.—Not later than 30 days after the submission of the certification under subparagraph (A), the Comptroller General of the United States shall submit to the congres-

sional defense committees a report that verifies whether the savings reported by the Chief Management Officer under such subparagraph are accurate.

(C) BASELINE AMOUNT.—For the purposes of this paragraph, the baseline amount is the total amount obligated and expended by organizations and elements of the Department of Defense other than the military services for fiscal year 2018 for the covered activities—

(i) increased by a credit for the amount of any reductions in the costs of such activities that are documented, as of the date that is 90 days after the date of the enactment of this Act, as having been accomplished in accordance with section 346 of the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114–92;.10 U.S.C. 111 note); and

(ii) decreased by the amount of any reductions in costs for such activities that are documented, as of the date that is 90 days after the date of the enactment of this Act, as having been accomplished in accordance with other sections of this subtitle.

(D) TREATMENT OF CERTAIN COST SAVINGS.—For the purposes of calculating the percentage cost savings accomplished by the Chief Management Officer under subparagraph (A), any reduction in costs documented, as of the date that is 90 days after the date of the enactment of this Act, as having been accomplished in accordance with section 346 of the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114–92;.10 U.S.C. 111 note) shall be treated as a reduction accomplished by the Chief Management Officer under paragraph (1).

(3) PLAN AND REVIEW.—

(A) PLAN REQUIRED.—Not later than March 1, 2020, the Chief Management Officer shall submit to the congressional defense committees a plan for complying with paragraphs (1) and (2).

(B) GAO REVIEW.—Not later than 30 days after the submission of the plan under subparagraph (A), the Comptroller General of the United States shall submit to the congressional defense committees a report that verifies—

(i) whether the plan submitted under subparagraph (A) is feasible; and

(ii) whether any cost savings expected to result from the plan are accurate.

(4) SUBSEQUENT REPORTS AND REVIEWS.—

(A) CMO REPORTS.—Not later than January 1 of every fifth calendar year beginning with January 1, 2026, the Chief Management Officer shall submit to the congressional defense committees a report that describes the activities carried out by the Chief Management Officer under paragraph (1) during the preceding five years, including an estimate of any cost savings achieved as a result of such activities.

(B) GAO REVIEW.—Not later than 30 days after the submission of each report under subparagraph (A), the Comptroller General of the United States shall submit to the congressional defense committees a report that verifies—

(i) whether the activities described in the report under subparagraph (A) were carried out; and

(ii) whether any cost savings estimated in the report are accurate.

(5) COVERED ACTIVITIES DEFINED.—In this subsection, the term "covered activities" has the meaning

given that term in section 132a(f) of title 10, United States Code, as added by subsection (a) of this section.

SEC. 912. AUTHORITIES AND RESPONSIBILITIES OF THE INSPECTOR GENERAL OF THE DEPARTMENT OF DEFENSE.

(a) ADDITIONAL RESPONSIBILITIES AND AUTHORITIES.—Section 141 of title 10, United States Code, is amended by adding at the end the following:

"(c) In addition to the duties, responsibilities, and powers referred to in subsection (b), the Inspector General of the Department shall serve as the official with principal responsibility in the Department for minimizing the duplication of efforts and maximizing efficiency among the Inspectors General across all organizations and elements of the Department with respect to the covered activities.

"(d)(1)(A) The Secretary of Defense, acting through the Under Secretary of Defense (Comptroller), shall require each Inspector General of an organization or element of the Department of Defense to transmit the proposed budget for the covered activities of the Office of such Inspector General for a fiscal year and for the period covered by the future-years defense program submitted to Congress under section 221 of this title for that fiscal year to the Inspector General of the Department of Defense for review under subpara-

graph (B) before submitting the proposed budget to the Under Secretary of Defense (Comptroller).

"(B) The Inspector General of the Department of Defense shall review each proposed budget transmitted under subparagraph (A) and, not later than January 31 of the year preceding the fiscal year for which the budget is proposed, shall submit to the Secretary of Defense a report containing the comments of the Inspector General with respect to all such proposed budgets, together with the certification of the Inspector General regarding whether each proposed budget achieves an adequate level of efficiency and effectiveness with respect to the covered activities.

"(C) Not later than March 31 of each year, the Secretary of Defense shall submit to Congress a report that includes the following:

"(i) Each proposed budget for the covered activities of an Inspector General of an organization or element of the Department of Defense that was transmitted to the Inspector General of the Department under subparagraph (A).

"(ii) Identification of each proposed budget contained in the most-recent report submitted under subparagraph (B) that the Inspector General of the Department did not certify as achieving an adequate

level of efficiency and effectiveness with respect to the covered activities.

"(iii) A discussion of the actions that the Secretary proposes to take, together with any recommended legislation that the Secretary considers appropriate, to address the inadequate levels of efficiency and effectiveness achieved by the proposed budgets identified in the report.

"(iv) Any additional comments that the Secretary considers appropriate regarding the inadequate levels of efficiency and effectiveness achieved by the proposed budgets.

"(2) None of the funds authorized to be appropriated or otherwise made available for any fiscal year for the covered activities of an Inspector General of an organization or element of the Department of Defense may be obligated or expended unless—

"(A) the Inspector General of the organization or element submits to the Inspector General of the Department of Defense a plan for the obligation and expenditure of such funds; and

"(B) the Inspector General of the Department of Defense approves the plan.

"(e) In this section, the term 'covered activities' means any activity relating to public affairs, human resources,

contracting, services contracting, or any other cross-enterprise activities of the Inspectors General of the organizations and elements of the Department of Defense, as determined by the Inspector General of the Department.".

(b) STREAMLINING OF FUNCTIONS.—Not later than January 1, 2021, the Secretary of Defense, acting through the Inspector General of the Department Defense, shall reduce or eliminate duplicative functions among the Inspectors General across all organizations and elements of the Department with respect to the covered activities.

(c) PLAN REQUIRED.—Not later than March 1, 2020, the Inspector General of the Department of Defense shall submit to the congressional defense committees a plan for complying with subsection (b).

(d) COVERED ACTIVITIES DEFINED.—In this section, the term "covered activities" has the meaning given that term in section 141(e) of title 10, United States Code, as added by subsection (a) of this section.

SEC. 913. TRANSITION OF CERTAIN DEFENSE AGENCIES AND DEPARTMENT OF DEFENSE FIELD ACTIVITIES.

(a) DEFENSE INFORMATION SYSTEMS AGENCY.—

(1) TRANSFER OF FUNCTIONS.—Not later than January 1, 2021, the Secretary of Defense, acting

through the Chief Management Officer of the Department of Defense, shall—

(A) transfer all information technology contracting and acquisition services of the Defense Information Systems Agency to other elements of the Department of Defense, which may include the transfer of such services to the military departments; and

(B) transfer all senior leader communications functions of the Agency to other elements of the Department of Defense.

(2) TRANSITION PLAN.—Not later than March 1, 2020, the Chief Management Officer shall submit to the congressional defense committees a plan for the transfers required under paragraph (1).

(b) ELIMINATION OF WASHINGTON HEADQUARTERS SERVICES.—

(1) ELIMINATION REQUIRED.—Not later than January 1, 2021, the Secretary of Defense, acting through the Chief Management Officer of the Department of Defense, shall eliminate the Washington Headquarters Services.

(2) TRANSFER OR ELIMINATION.—

(A) TRANSFER.—The Chief Management Officer shall transfer to other elements of the Of-

fice of the Secretary of Defense only such functions of the Washington Headquarters Services as are necessary to carry out an essential function not otherwise carried out by such Office, as determined by the Chief Management Officer.

(B) ELIMINATION.—Any functions of the Washington Headquarters Services that are not transferred to another element of the Office of the Secretary of Defense under subparagraph (A) shall be eliminated.

(3) TRANSFER OR DISPOSITION OF ASSETS.—The Chief Management Officer shall dispose of, or transfer to other elements of the Office of the Secretary of Defense, any assets of the Washington Headquarters Services.

(4) TRANSITION PLAN.—Not later than March 1, 2020, the Chief Management Officer shall submit to the congressional defense committees a plan for the eliminations and transfers required under this subsection.

(c) REVIEW OF DEFENSE AGENCIES AND DEPARTMENT OF DEFENSE FIELD ACTIVITIES.—

(1) REVIEW REQUIRED.—The Chief Management Officer of the Department of Defense shall review the efficiency and effectiveness of each Defense Agency

and Department of Defense Field Activity. As part of the review, the Chief Management Officer shall identify each function of an Agency or Activity that is substantially similar to, or duplicative of, a function carried out by another organization or element of the Department of Defense.

(2) REPORT.—Not later than March 1, 2020, the Chief Management Officer shall submit to the congressional defense committees a report that includes the results of the review conducted under paragraph (1).

(3) CMO VERIFICATION AND TRANSITION PLAN.—Together with the submission of the report under paragraph (2) and based on the results of the review conducted under paragraph (1), the Chief Management Officer shall submit to the congressional defense committees—

(A) a list identifying each Defense Agency and Department of Defense Field Activity that the Chief Management Officer has determined—

(i) operates efficiently and effectively; and

(ii) does not carry out any function that is substantially similar to, or duplicative of, a function carried out by another

organization or element of the Department of Defense; and

(B) with respect to each Agency or Activity not included on the list under subparagraph (A), a plan for—

(i) eliminating the Agency or Activity; or

(ii) transferring some or all of the functions of the Agency or Activity to another organization or element of the Department of Defense.

(d) CLARIFICATION OF AUTHORITIES OF THE SECRETARY OF DEFENSE.—

(1) IN GENERAL.—Except as provided in paragraph (2), the Secretary of Defense shall have the authority to establish or terminate any Defense Agency or Department of Defense Field Activity.

(2) EXCEPTIONS.—The authority of the Secretary of Defense to establish or terminate a Defense Agency or Department of Defense Field Activity under paragraph (1) does not apply to an Agency or Activity that is specifically established or terminated by an Act of Congress.

(3) REFERENCES.—Any reference in Federal law, regulations, guidance, instructions, or other doc-

uments of the Federal Government to a Defense Agency or Department of Defense Field Activity terminated by the Secretary of Defense under paragraph (1), or to the head of such an Agency or Activity, shall be deemed to be a reference to the Secretary of Defense.

(4) NOTICE REQUIREMENT.—The Secretary of Defense may not terminate a Defense Agency or Department of Defense Field Activity until a period of 90 days has elapsed following the date on which the Secretary submits to the congressional defense committees—

(A) notice of the intent of the Secretary to terminate the Agency or Activity; and

(B) recommendations for legislative actions that may be required as a result of such termination.

SEC. 914. ACTIONS TO INCREASE THE EFFICIENCY AND TRANSPARENCY OF THE DEFENSE LOGISTICS AGENCY.

(a) SYSTEM AND CAPABILITY.—Not later than January 1, 2021, the Director of the Defense Logistics Agency and the Chief Management Officer of the Department of Defense shall jointly, in consultation with the customers served by the Agency, develop and implement—

(1) a comprehensive system that enables customers of the Agency to view—

(A) the inventory of items and materials available to customers from the Agency; and

(B) the delivery status of items and materials that are in transit to customers; and

(2) a predictive analytics capability designed to increase the efficiency of the system described in paragraph (1) by identifying emerging customer needs with respect to items and materials supplied by the Agency, including any emerging needs arising from the use of new weapon systems by customers.

(b) ACTIONS TO INCREASE EFFICIENCY.—Not later than January 1, 2021, the Director of the Defense Logistics Agency and the Chief Management Officer shall jointly—

(1) reduce the rates charged to customers, in aggregate, by not less than 10 percent;

(2) eliminate the duplication of services within the Agency; and

(3) establish specific goals and metrics to ensure that the Agency is fulfilling its mission of providing items and materials to customers with sufficient speed and in sufficient quantities to ensure the lethality and readiness of warfighters.

(c) PLAN REQUIRED.—Not later than March 1, 2020, the Director of the Defense Logistics Agency and the Chief Management Officer shall jointly submit to the congressional defense committees a plan that describes how the Director and the Chief Management Officer will achieve compliance with the requirements of subsections (a) and (b).

SEC. 915. REVIEW OF FUNCTIONS OF DEFENSE CONTRACT AUDIT AGENCY AND DEFENSE CONTRACT MANAGEMENT AGENCY.

(a) REVIEW REQUIRED.—The Secretary of Defense, acting through the Chief Management Officer of the Department of Defense, shall direct the Under Secretary of Defense for Acquisition and Sustainment and the Under Secretary of Defense (Comptroller) to conduct a joint review of the functions of the Defense Contract Audit Agency and the Defense Contract Management Agency. The review shall include—

(1) a validation of the missions and functions of each Agency;

(2) a determination of whether there are functions performed by either Agency that could more appropriately be performed by—

(A) the other Agency;

(B) any other organization or element of the Department of Defense, including the military departments; or

(C) commercial providers; and

(3) a validation of the continued need for two separate Agencies with oversight for defense contracting.

(b) REPORT REQUIRED.—Not later than March 1, 2020, the Secretary of Defense shall submit to the congressional defense committees a report that includes the results of the review conducted under subsection (a).

SEC. 916. STREAMLINING OF DEFENSE FINANCE AND ACCOUNTING SERVICES.

(a) IN GENERAL.—Not later than January 1, 2021, the Chief Management Officer and the Under Secretary of Defense (Comptroller) shall jointly carry out activities to streamline, reduce duplication, and make more effective the operations of the Defense Finance and Accounting Services.

(b) PLAN REQUIRED.—Not later than March 1, 2020, the Chief Management Officer and the Under Secretary of Defense (Comptroller) shall jointly submit to the congressional defense committees a plan for carrying out the activities required under subsection (a).

SEC. 917. REDUCTION IN NUMBER OF CHIEF INFORMATION OFFICERS IN THE SENIOR EXECUTIVE SERVICE.

With respect to the total number of Chief Information Officer positions within the Department of Defense, during calendar year 2021 and each year thereafter not more than five of such positions may be Senior Executive Service positions (as that term is described in section 3132(a)(2) of title 5, United States Code).

SEC. 918. GENERAL PROVISIONS.

(a) CONSOLIDATED REPORT.—The plans and reports required to be submitted to the congressional defense committees under this subtitle on or before March 1, 2020, may be combined and submitted in the form of a single, consolidated document.

(b) DEFINITIONS.—In this subtitle:

(1) The term "Chief Management Officer" means the Chief Management Officer of the Department of Defense.

(2) The terms "Defense Agency", "Department of Defense Field Activity", and "military departments" have the meanings given the terms in section 101(a) of title 10, United States Code.

(c) CONFORMING AMENDMENT.—Section 143(b) of title 10, United States Code, is amended by striking "and the

Washington Headquarters Services of the Department of Defense".

(d) EFFECTIVE DATE.—The amendment made by subsection (c) shall take effect on the earlier of—

(1) the date on which the Washington Headquarters Services is eliminated under section 913; or

(2) January 1, 2021.

Subtitle C—Other Matters

SEC. 921. ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING POLICY AND OVERSIGHT COUNCIL.

(a) ESTABLISHMENT.—In order to fulfill the responsibilities specified in Section 133a of title 10, United States Code, the Under Secretary of Defense for Research and Engineering shall establish and lead a team to be known as the "Artificial Intelligence and Machine Learning Policy and Oversight Council" (in this section referred to as the "Council").

(b) PURPOSE.—The purpose of the Council shall be to—

(1) integrate the functional activities of the organizations and elements of the Department of Defense with respect to artificial intelligence and machine learning;

(2) ensure there are efficient and effective artificial intelligence and machine learning capabilities throughout Department; and

(3) develop and continuously improve research, innovation, policy, joint processes, and procedures to facilitate the development, acquisition, integration, advancement, and sustainment of artificial intelligence and machine learning throughout the Department.

(c) MEMBERSHIP.—The membership of the Council shall include the following:

(1) The Under Secretary of Defense for Research and Engineering, or the designee of the Under Secretary, who shall serve as the leader of the Council.

(2) The following officials of the Department of Defense, or their designees:

(A) The Under Secretary of Defense for Acquisition and Sustainment.

(B) The Chief Management Officer of the Department of Defense.

(C) The Under Secretary of Defense (Comptroller).

(D) The Under Secretary of Defense for Personnel and Readiness.

(E) The Under Secretary of Defense for Intelligence.

(F) The General Counsel of the Department of Defense.

(G) The head of each military service.

(H) The Commander of the United States Special Operations Command.

(I) The Director of the Defense Advanced Research Projects Agency.

(3) Any other official of the Department of Defense determined to be appropriate by the Under Secretary of Defense for Research and Engineering.

(d) OPERATION.—The Council shall operate continuously.

SEC. 922. LIMITATION ON TRANSFER OF THE CHEMICAL, BIOLOGICAL, AND RADIOLOGICAL DEFENSE DIVISION OF THE NAVY.

(a) FINDINGS.—Congress makes the following findings:

(1) The Chemical, Biological, and Radiological Defense Division of the Navy, currently based at the Naval Surface Warfare Center in Dahlgren, Virginia, consists of a highly effective team of scientists performing critical work for the United States.

(2) The Secretary of the Navy has notified Congress of the intent of the Secretary to transfer the Division to another location.

(3) The Secretary has not provided Congress with a detailed cost benefit analysis or any other information that adequately justifies the proposed transfer of the Division.

(b) REPORT REQUIRED.—Not later than 90 days after the date of the enactment of this Act, the Secretary of the Navy shall submit to the congressional defense committees a report that includes—

(1) a detailed timeline for the proposed transfer of the Chemical, Biological, and Radiological Defense Division of the Navy from Virginia to another location;

(2) a full accounting of the costs associated with the proposed transfer, including—

(A) all personnel costs;

(B) all equipment costs; and

(C) all facility renovation costs for the existing facilities of the Division and the facilities to which the Division is proposed to be transferred;

(3) a risk assessment of the operational impact of the transfer during the transition period; and

(4) an explanation of the operational benefit expected to be achieved by collocating all Chemical, Biological, and Radiological elements of the Department of the Navy.

(c) LIMITATION.—The Secretary of the Navy may not transfer, or prepare to transfer, the Chemical, Biological, and Radiological Defense Division of the Navy from Dahlgren, Virginia to another location until a period of 45 days has elapsed following the date on which the report is submitted to the congressional defense committees under subsection (b).

TITLE X—GENERAL PROVISIONS

Subtitle A—Financial Matters

SEC. 1001. GENERAL TRANSFER AUTHORITY.

(a) AUTHORITY TO TRANSFER AUTHORIZATIONS.—

(1) AUTHORITY.—Upon determination by the Secretary of Defense that such action is necessary in the national interest, the Secretary may transfer amounts of authorizations made available to the Department of Defense in this division for fiscal year 2019 between any such authorizations for that fiscal year (or any subdivisions thereof). Amounts of authorizations so transferred shall be merged with and be available for the same purposes as the authorization to which transferred.

(2) LIMITATION.—Except as provided in paragraph (3), the total amount of authorizations that the Secretary may transfer under the authority of this section may not exceed $5,000,000,000.

(3) EXCEPTION FOR TRANSFERS BETWEEN MILITARY PERSONNEL AUTHORIZATIONS.—A transfer of funds between military personnel authorizations under title IV shall not be counted toward the dollar limitation in paragraph (2).

(b) LIMITATIONS.—The authority provided by subsection (a) to transfer authorizations—

(1) may only be used to provide authority for items that have a higher priority than the items from which authority is transferred; and

(2) may not be used to provide authority for an item that has been denied authorization by Congress.

(c) EFFECT ON AUTHORIZATION AMOUNTS.—A transfer made from one account to another under the authority of this section shall be deemed to increase the amount authorized for the account to which the amount is transferred by an amount equal to the amount transferred.

(d) NOTICE TO CONGRESS.—The Secretary shall promptly notify Congress of each transfer made under subsection (a).

SEC. 1002. EXPERTISE IN AUDIT REMEDIATION.

(a) FINDINGS.—Congress finds the following:

(1) The ongoing efforts to produce auditable financial statements for the Department of Defense, its agencies, and the military services enhance readiness and accountability by ensuring effective stewardship of taxpayer resources.

(2) The transition from audit readiness to audit performance and remediation are critical phases, demanding expertise from accounting firms and financial management professionals to ensure that the Department successfully addresses issues identified in an audit.

(3) Support from the private sector enhances the ability of the Department to conduct audit and remediation activities, and will enable the Department to achieve its strategic objective of improving business practices with efficiency and accountability.

(b) ADDITIONAL REQUIREMENTS FOR SEMIANNUAL BRIEFING ON THE FINANCIAL IMPROVEMENT AND AUDIT REMEDIATION PLAN.—Section 252(b)(2) of title 10, United States Code, is amended by adding at the end the following new sentence: "Such briefing shall include the amount of auditing and audit remediation services being performed by professionals meeting the qualifications described in section 254(b) of this title, both as an absolute number and

as a percentage of auditing and audit remediation services then under contract.''.

(c) ADDITIONAL REPORTING REQUIREMENTS.—Section 252(b)(1) of such title is amended—

(1) in subparagraph (B), by adding at the end the following new clauses:

''(vii) If less than 50 percent of the auditing and audit remediation services under contract, as described in the briefing required under paragraph (2), are being performed by professionals meeting the qualifications described in section 254(b) of this title, a detailed description of the risks associated with the risks of the acquisition strategy of the Department with respect to conducting audits and audit remediation activities and an explanation of how the strategy complies with the policies expressed by Congress.

''(viii) If less than 25 percent of the auditing and audit remediation services under contract, as described in the briefing required under paragraph (2), are being performed by professionals meeting the qualifications described in section 254(b) of

this title, a written certification that the staffing ratio complies with commercial best practices and presents no increased risk of delay in the Department's ability to achieve a clean audit opinion"; and

(2) by adding at the end the following new subparagraph:

"(C) ADDITIONAL REQUIREMENTS.—

"(i) UNCLASSIFIED FORM.—A description submitted pursuant to clause (vii) of subparagraph (B) or a certification submitted pursuant to clause (viii) of such subparagraph shall be submitted in unclassified form, but may contain a classified annex.

"(ii) DELEGATION.—The Secretary may not delegate the submission of a certification pursuant to clause (viii) of subparagraph (B) to any official other than the Deputy Secretary of Defense, the Chief Management Officer, or the Under Secretary of Defense (Comptroller).".

SEC. 1003. AUTHORITY TO TRANSFER FUNDS TO DIRECTOR OF NATIONAL INTELLIGENCE FOR CAPNET.

During fiscal year 2019, the Secretary of Defense may transfer to the Director of National Intelligence, under the authority in section 1001 of this Act, an amount that does not exceed $2,000,000 to provide support for the operation of the classified network known as CAPNET.

SEC. 1004. INDEPENDENT PUBLIC ACCOUNTANT AUDIT OF FINANCIAL SYSTEMS OF THE DEPARTMENT OF DEFENSE.

The Secretary of Defense shall ensure that each major implementation of, or modification to, a financial system of the Department of Defense is reviewed by an independent public accountant to validate that such financial system will meet any applicable Federal requirements.

Subtitle B—Counterdrug Activities

SEC. 1011. DEPARTMENT OF DEFENSE SUPPORT FOR COMBATING OPIOID TRAFFICKING AND ABUSE.

(a) FINDINGS; SENSE OF CONGRESS.—

(1) FINDINGS.—Congress makes the following findings:

(A) Over the past 15 years, opioid use in the United States has grown exponentially.

(B) According to the Office of National Drug Control Policy, the number of deaths re-

lated to opioids in the United States in 2016 was 42,269.

(C) Addiction and misuse of prescription opioids continues to rise. According to the Office of National Drug Control Policy, in 2016, 11,500,000 people misused prescription opioids.

(D) The predominant amount of precursors for fentanyl production are illicitly trafficked from China.

(E) The Office of National Drug Control Policy is the lead agency for coordinating the Federal response to address the opioid epidemic in the United States.

(F) The Department of Homeland Security is the lead Federal agency in securing United States borders from illicit trafficking.

(G) The Department of Defense plays a vital supporting role in addressing the opioid epidemic through intelligence analysis, education, and assistance to other departments and agencies in dealing with this challenge.

(2) SENSE OF CONGRESS.—It is the sense of Congress that—

(A) the Department of Defense should provide support for interagency efforts to combat the national opioid epidemic; and

(B) the role of the Department of Defense is critical to identifying transnational criminal organizations that allow illicit opioids to enter the United States.

(b) DEPARTMENT OF DEFENSE SUPPORT FOR COMBATING OPIOID TRAFFICKING AND ABUSE.—Of the funds authorized to be appropriated by this Act or otherwise made available to the Department of Defense for National Guard counterdrug programs for fiscal year 2019, $20,000,000 shall be made available to provide support for United States interagency efforts to combat opioid trafficking and abuse in the United States, as specified in the funding table in Division D.

Subtitle C—Naval Vessels and Shipyards

SEC. 1021. INCLUSION OF OPERATION AND SUSTAINMENT COSTS IN ANNUAL NAVAL VESSEL CONSTRUCTION PLANS.

Section 231(b)(2) of title 10, United States Code, is amended by adding at the end the following new subparagraph:

"(F) The estimated operations and sustainment costs required to support the vessels delivered under the naval vessel construction plan.".

SEC. 1022. PURCHASE OF VESSELS USING FUNDS IN NATIONAL DEFENSE SEALIFT FUND.

(a) IN GENERAL.—Section 2218(f)(3) of title 10, United States Code, is amended—

(1) in subparagraph (C)—

(A) by striking "two" and inserting "ten"; and

(B) by striking "ships" and inserting "vessels";

(2) by redesignating subparagraph (E) as subparagraph (F); and

(3) by inserting after subparagraph (D) the following new subparagraph (E):

"(E) The Secretary may not use the authority under this paragraph to procure more than two foreign constructed vessels unless the Secretary submits to Congress, by not later than the second week of February of the fiscal year during which the Secretary plans to use such authority, a certification that—

"(i) the Secretary has initiated an acquisition strategy for the construction in United States shipyards of not less than ten new sealift vessels pur-

chased with funds in the National Defense Sealift Fund; and

"(ii) of such new sealift vessels, the lead ship is anticipated to be delivered by not later than 2026.".

(b) LIMITATION ON USE OF FUNDS.—Of the amounts authorized to be appropriated or otherwise made available by this Act for fiscal year 2019 for the Military Sealift Command, the Secretary of the Navy may not obligate or expend more than 75 percent until the Secretary submits to the congressional defense committees certification that the Navy has—

(1) entered into a contract for the procurement of two used National Defense Reserve Fleet vessels in accordance with section 2218(f)(3)(C) of title 10, United States Code; and

(2) completed the capability development document for the common hull multi-mission platform.

SEC. 1023. PURCHASE OF VESSELS BUILT IN FOREIGN SHIPYARDS WITH FUNDS IN NATIONAL DEFENSE SEALIFT FUND.

Section 2218(f)(3) of title 10, United States Code, as amended by section 1022, is further amended—

(1) in subparagraph (F), as redesignated by such section 1022—

(A) by striking "30 days after" and inserting "30 days before";

(B) in clause (i), by inserting "proposed" before "date";

(C) in clause (ii), by striking "was" and inserting "would be"; and

(D) by adding at the end the following new clause:

"(viii) A detailed account of the criteria used to make the determination under subparagraph (B).";

and

(2) by inserting after subparagraph (F), as so redesignated, the following new subparagraph:

"(G) The Secretary may not finalize or execute the final purchase of any vessel using the authority under this paragraph until 30 days after the date on which a report under subparagraph (E) is submitted with respect to such purchase.".

SEC. 1024. TECHNICAL CORRECTIONS AND CLARIFICATIONS TO CHAPTER 633 OF TITLE 10, UNITED STATES CODE, AND OTHER PROVISIONS OF LAW REGARDING NAVAL VESSELS.

(a) MODEL BASIN; INVESTIGATION OF HULL DESIGNS.—Section 7303 of title 10, United States Code, is

amended by striking "(a) An office" and all that follows through "(b) The Secretary" and inserting "The Secretary".

(b) REPEAL OF CERTAIN PROVISIONS OF CHAPTER 633 OF TITLE 10, UNITED STATES CODE.—

(1) IN GENERAL.—The following sections of chapter 633 of title 10, United States Code, are repealed:

(A) Section 7294.

(B) Section 7295.

(C) Section 7300.

(D) Section 7306.

(E) Section 7306b.

(2) CLERICAL AMENDMENTS.—The table of sections at the beginning of such chapter is amended by striking the items relating to sections 7294. 7295. 7300, 7306, and 7306b.

(c) OTHER PROVISIONS OF LAW.—

(1) REPEAL OF METERING OF NAVY PIERS TO ACCURATELY MEASURE ENERGY CONSUMPTION.—Section 2828 of the National Defense Authorization Act for Fiscal Year 2012 (Public Law 112-81; 125 Stat. 1694; 10 U.S.C. 7291 note) is repealed.

(2) MODIFICATION OF ADVANCE PROCUREMENT FUNDING.—Section 124 of the National Defense Authorization Act for Fiscal Year 2010 (Public Law

111–84; 123 Stat. 2214; 10 U.S.C. 7291 note) is amended—

(A) by striking subsection (a); and

(B) by redesignating subsections (b) and (c) as subsections (a) and (b), respectively.

(3) REPEAL OF POLICY RELATING TO MAJOR COMBATANT VESSELS OF THE STRIKE FORCES OF THE UNITED STATES NAVY.—Section 1012 of the National Defense Authorization Act for Fiscal Year 2008 (Public Law 110–181; 122 Stat. 303; 10 U.S.C. 7291 note) is repealed.

(4) REPEAL OF ALTERNATIVE TECHNOLOGIES FOR FUTURE SURFACE COMBATANTS.—Section 128 of the John Warner National Defense Authorization Act for Fiscal Year 2007 (Public Law 109–364; 120 Stat. 2109; 10 U.S.C. 7291 note) is repealed.

(5) REPEAL OF OBSOLETE PROVISION ON VESSEL SCRAPPING PILOT PROGRAM.—Section 8124 of the Department of Defense Appropriations Act, 1999 (Public Law 105–262; 112 Stat. 2333; 10 U.S.C. 7291 note) is repealed.

(6) REPEAL OF PROVISION ON CONSIDERATION OF VESSEL LOCATION FOR AWARD OF LAYBERTH CONTRACTS FOR SEALIFT VESSELS.—Section 375 of the National Defense Authorization Act for Fiscal Year

1993 (Public Law 102–484; 106 Stat. 2385; 10 U.S.C. 7291 note) is repealed.

(7) REPEAL OF PROVISION ON REVITALIZATION OF UNITED STATES SHIPBUILDING INDUSTRY.—Section 1031 of the National Defense Authorization Act for Fiscal Year 1993 (Public Law 102–484; 106 Stat. 2489; 10 U.S.C. 7291 note) is repealed.

(8) REPEAL OF FAST SEALIFT PROGRAM.—

(A) PROCUREMENT OF SHIPS.—Section 1021 of the National Defense Authorization Act for Fiscal Year 1993 (Public Law 102–484; 106 Stat. 2485; 10 U.S.C. 7291 note) is repealed.

(B) ESTABLISHMENT OF PROGRAM.—Section 1424 of the National Defense Authorization Act for Fiscal Year 1991 (Public Law 101–510; 104 Stat. 1683; 10 U.S.C. 7291 note) is repealed.

(9) REPEAL OF REQUIREMENTS RELATING TO DEPOT-LEVEL MAINTENANCE OF SHIPS.—Section 1614 of the National Defense Authorization Act for Fiscal Years 1990 and 1991 (Public Law 101–189; 103 Stat. 1601; 10 U.S.C. 7291 note) is amended by striking subsections (a) and (b).

(10) REPEAL OF OBSOLETE REQUIREMENT FOR REPORTS ON EFFECTS OF NAVAL SHIPBUILDING PLANS ON MARITIME INDUSTRIES.—Section 1227 of

the National Defense Authorization Act for Fiscal Year 1989 (Public Law 100–456; 102 Stat. 2055; 10 U.S.C. 7291 note) is repealed.

(11) REPEAL OF SIX-HUNDRED-SHIP GOAL FOR NAVY; SENSE OF CONGRESS.—Section 791 of the Department of Defense Appropriations Act, 1982 (Public Law 97–114; 95 Stat. 1593; 10 U.S.C. 7291 note) is repealed.

(12) REPEAL OF PROHIBITION ON USE OF PUBLIC AND PRIVATE SHIPYARDS FOR CONVERSION, OVERHAUL, OR REPAIR WORK UNDER CERTAIN PROGRAMS.—Section 811 of the Department of Defense Appropriations Act, 1979 (Public Law 95–485; 92 Stat. 1624; 10 U.S.C. 7291 note) is repealed.

(13) REPEAL OF OBSOLETE REQUIREMENT TO SUBMIT A FIVE-YEAR NAVAL SHIP NEW CONSTRUCTION AND CONVERSION PROGRAM.—Section 808 of the Department of Defense Authorization Act, 1976 (Public Law 94–106; 89 Stat. 539; 10 U.S.C. 7291 note) is repealed.

SEC. 1025. RETENTION OF NAVY HOSPITAL SHIP CAPABILITY.

(a) RETENTION OF SHIPS.—The Secretary of the Navy shall retain two T-AH 19 Mercy-class hospital ships at a readiness level that provides for the activation and deploy-

ment of each such ship within a period that does not exceed 5 days.

(b) WAIVER AUTHORITY.—The Secretary of the Navy may waive the requirement under subsection (a) if the Secretary submits to the congressional defense committees certification in writing that the Secretary has—

(1) for any T-AH 19 Mercy-class hospital ship to be retired or transferred, identified a replacement capability to meet the combatant commander afloat medical capability for medical and surgical care that is being met by the ship to be retired or transferred; and

(2) achieved the initial operational capability of the replacement capability described in paragraph (1).

Subtitle D—Counterterrorism

SEC. 1031. DEFINITION OF SENSITIVE MILITARY OPERATION.

Subsection (d) of section 130f of title 10, United States Code, is amended to read as follows:

"(d) SENSITIVE MILITARY OPERATION DEFINED.—(1) Except as provided in paragraph (2), in this section, the term 'sensitive military operation' means a lethal operation or capture operation conducted by the armed forces or con-

ducted by a foreign partner in coordination with the armed forces that targets a specific individual or individuals.

''(2) For purposes of this section, the term 'sensitive military operation' does not include any operation conducted within Afghanistan.''.

SEC. 1032. PROHIBITION ON USE OF FUNDS FOR TRANSFER OR RELEASE OF INDIVIDUALS DETAINED AT UNITED STATES NAVAL STATION, GUANTANAMO BAY, CUBA, TO THE UNITED STATES.

No amounts authorized to be appropriated or otherwise made available for the Department of Defense may be used during the period beginning on the date of the enactment of this Act and ending on December 31, 2019, to transfer, release, or assist in the transfer of or release to or within the United States, its territories, or possessions Khalid Sheikh Mohammed or any other detainee who—

(1) is not a United States citizen or a member of the Armed Forces of the United States; and

(2) is or was held on or after January 20, 2009, at United States Naval Station, Guantanamo Bay, Cuba, by the Department of Defense.

SEC. 1033. PROHIBITION ON USE OF FUNDS TO CONSTRUCT OR MODIFY FACILITIES IN THE UNITED STATES TO HOUSE DETAINEES TRANSFERRED FROM UNITED STATES NAVAL STATION, GUANTANAMO BAY, CUBA.

(a) IN GENERAL.—No amounts authorized to be appropriated or otherwise made available for the Department of Defense may be used during the period beginning on the date of the enactment of this Act and ending on December 31, 2019, to construct or modify any facility in the United States, its territories, or possessions to house any individual detained at Guantanamo for the purposes of detention or imprisonment in the custody or under the control of the Department of Defense.

(b) EXCEPTION.—The prohibition in subsection (a) shall not apply to any modification of facilities at United States Naval Station, Guantanamo Bay, Cuba.

(c) INDIVIDUAL DETAINED AT GUANTANAMO DEFINED.—In this section, the term "individual detained at Guantanamo" has the meaning given that term in section 1034(f)(2) of the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114–92; 129 Stat. 971; 10 U.S.C. 801 note).

SEC. 1034. PROHIBITION ON USE OF FUNDS FOR TRANSFER OR RELEASE OF INDIVIDUALS DETAINED AT UNITED STATES NAVAL STATION, GUANTANAMO BAY, CUBA, TO CERTAIN COUNTRIES.

No amounts authorized to be appropriated or otherwise made available for the Department of Defense may be used during the period beginning on the date of the enactment of this Act and ending on December 31, 2019, to transfer, release, or assist in the transfer or release of any individual detained in the custody or under the control of the Department of Defense at United States Naval Station, Guantanamo Bay, Cuba, to the custody or control of any country, or any entity within such country, as follows:

(1) Libya.

(2) Somalia.

(3) Syria.

(4) Yemen.

Subtitle E—Miscellaneous Authorities and Limitations

SEC. 1041. NOTIFICATION ON THE PROVISION OF DEFENSE SENSITIVE SUPPORT.

Section 1055 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114–328; 10 U.S.C. 113 note) is amended—

(1) in subsection (a)—

(A) in paragraph (1), by striking "; and" and inserting a semicolon;

(B) in paragraph (2)(B), by striking the period at the end and inserting a semicolon; and

(C) by adding at the end the following new paragraphs:

"(3) is requested by the non-Department of Defense Federal department or agency only after the department or agency has first reasonably attempted to use the resources of that department or agency to accomplish the mission for which the department or agency is making such request; and

"(4) is most appropriately provided by the Department of Defense rather than another department or agency of the Federal Government."; and

(2) in subsection (b), by adding at the end the following new paragraph:

"(4) REVERSE DEFENSE SENSITIVE SUPPORT REQUEST.—The Secretary shall notify the congressional defense committees (and the congressional intelligence committees with respect to matters relating to members of the intelligence community) of requests made by the Secretary to a non-Department of Defense Federal department or agency for support that requires special protection from disclosure in the same manner

and containing the same information as the Secretary notifies such committees of defense sensitive support requests under paragraphs (1) and (3).''.

SEC. 1042. COORDINATING UNITED STATES RESPONSE TO MALIGN FOREIGN INFLUENCE OPERATIONS AND CAMPAIGNS.

(a) IN GENERAL.—Section 101 of the National Security Act of 1947 (50 U.S.C. 3021) is amended—

(1) in subsection (b)—

(A) in paragraph (2), by striking ''and'' at the end;

(B) in paragraph (3), by striking the period and inserting ''; and''; and

(C) by adding at the end the following new paragraph:

''(4) coordinate, without assuming operational authority, the United States Government response to malign foreign influence operations and campaigns.''; and

(2) by adding at the end the following new subsections:

''(g) COORDINATOR FOR COMBATING MALIGN FOREIGN INFLUENCE OPERATIONS AND CAMPAIGNS.—

''(1) IN GENERAL.—The President shall designate an employee of the National Security Council to be

responsible for the coordination of the interagency process for combating malign foreign influence operations and campaigns.

"(2) CONGRESSIONAL BRIEFING.—

"(A) IN GENERAL.—Not less frequently than twice each year, the employee designated under this subsection shall provide to the congressional committees specified in subparagraph (B) a briefing on the responsibilities and activities of the individual under this subsection.

"(B) COMMITTEES SPECIFIED.—The congressional committees specified in this subparagraph are the following:

"(i) The Committees on Armed Services, Foreign Affairs, and Oversight and Government Reform, and the Permanent Select Committee on Intelligence of the House of Representatives.

"(ii) The Committees on Armed Services, Foreign Relations, and Homeland Security and Governmental Affairs, and the Select Committee on Intelligence of the Senate.

"(h) DEFINITION OF MALIGN FOREIGN INFLUENCE OPERATIONS AND CAMPAIGNS.—In this section, the term

'malign foreign influence operations and campaigns' means the coordinated, integrated, and synchronized application of national diplomatic, informational, military, economic, business, corruption, educational, and other capabilities by hostile foreign powers to foster attitudes, behaviors, decisions, or outcomes within the United States.''.

(b) STRATEGY.—

(1) IN GENERAL.—Not later than 9 months after the date of the enactment of this Act, the President, acting through the National Security Council, shall submit to the congressional committees specified in paragraph (2) a strategy to counter malign foreign influence operations and campaigns (as such term is defined in section 101(h) of the National Security Act of 1947 (50 U.S.C. 3021), as added by subsection (a)).

(2) COMMITTEES SPECIFIED.—The congressional committees specified in this paragraph are the following:

(A) The Committees on Armed Services, Foreign Affairs, and Oversight and Government Reform, and the Permanent Select Committee on Intelligence of the House of Representatives.

(B) The Committees on Armed Services, Foreign Relations, and Homeland Security and

Governmental Affairs, and the Select Committee on Intelligence of the Senate.

SEC. 1043. WORKFORCE ISSUES FOR MILITARY REALIGNMENTS IN THE PACIFIC.

Section 6(b)(1) of the Joint Resolution entitled "A Joint Resolution to approve the 'Covenant To Establish a Commonwealth of the Northern Mariana Islands in Political Union With the United States of America', and for other purposes", approved March 24, 1976 (48 U.S.C. 1806(b)(1)) is amended—

(1) in subparagraph (A), by striking "during the transition program" and inserting "during the period beginning on the transition program effective date and ending on the later of September 30, 2020, or the last day of the transition period";

(2) by amending subparagraph (B) to read as follows:

"(B) H-2B WORKERS.—In the case of an alien described in subparagraph (A) who seeks admission under section 101(a)(15)(H)(ii)(b) of the Immigration and Nationality Act (8 U.S.C. 1101(a)(15)(H)(ii)(b)), the alien, if otherwise qualified, may, before the later of December 31, 2023, or the last day of the transition period, be admitted under such section, notwithstanding the

requirement of such section that the service or labor be temporary, for a period of up to 3 years—

"(i) to perform service or labor on Guam or in the Commonwealth pursuant to any agreement entered into by a prime contractor or subcontractor calling for services or labor required for performance of a contact or subcontract for construction, repairs, renovations, or facility services that is directly connected to, or associated with, the military realignment occurring on Guam and in the Commonwealth; or

"(ii) to perform service or labor as a health care worker (such as a nurse, physician assistant, or allied health professional) on Guam or in the Commonwealth, subject to the education, training, licensing, and other requirements of section 212(a)(5)(C) of the Immigration and Nationality Act (8 U.S.C. 1182(a)(5)(C)), as applicable, except that this clause shall not be construed to include graduates of medical schools coming to Guam or the Commonwealth to perform

service or labor as members of the medical profession.''; and

(3) by adding at the end the following:

''(C) RETURNING WORKERS.—After the end of the period described in subparagraph (A), any alien who was admitted to Guam or the Commonwealth pursuant to subparagraph (A) or (B) may again seek admission to Guam or the Commonwealth under section 101(a)(15)(H)(ii)(b) of the Immigration and Nationality Act (8 U.S.C. 1101(a)(15)(H)(ii)(b)) without being counted toward the numerical limitation of section 214(g)(1)(B) of such Act (8 U.S.C. 1184(g))(1)(B)). Such an alien shall be considered to be a returning worker subject to subparagraphs (B) and (C) of section 214(g)(9) of such Act (8 U.S.C. 1184(g)(9)). An alien may be considered to be a returning worker under this subparagraph only once.''.

SEC. 1044. MITIGATION OF OPERATIONAL RISKS POSED TO CERTAIN MILITARY AIRCRAFT BY AUTOMATIC DEPENDENT SURVEILLANCE-BROADCAST EQUIPMENT.

(a) IN GENERAL.—The Secretary of Transportation may not—

(1) directly or indirectly require the installation of automatic dependent surveillance-broadcast (hereinafter in this section referred to as "ADS-B") equipment on fighter aircraft, bomber aircraft, or other special mission aircraft owned or operated by the Department of Defense;

(2) deny or reduce air traffic control services in United States airspace or international airspace delegated to the United States to any aircraft described in paragraph (1) on the basis that such aircraft is not equipped with ADS-B equipment; or

(3) restrict or limit airspace access for aircraft described in paragraph (1) on the basis such aircraft are not equipped with ADS-B equipment.

(b) TERMINATION.—Subsection (a) shall cease to be effective on the date that the Secretary of Transportation and the Secretary of Defense jointly submit to the appropriate congressional committees notice that the Secretaries have entered into a memorandum of agreement or other similar agreement providing that fighter aircraft, bomber aircraft, and other special mission aircraft owned or operated by the Department of Defense that are not equipped or not yet equipped with ADS-B equipment will be reasonably accommodated for safe operations in the National Airspace System and provided with necessary air traffic control services.

(c) RULE OF CONSTRUCTION.—Nothing in this section may be construed to—

(1) vest in the Secretary of Defense any authority of the Secretary of Transportation or the Administrator of the Federal Aviation Administration under title 49, United States Code, or any other provision of law;

(2) vest in the Secretary of Transportation or the Administrator of the Federal Aviation Administration any authority of the Secretary of Defense under title 10, United States Code, or any other provision of law; or

(3) limit the authority or discretion of the Secretary of Transportation or the Administrator of the Federal Aviation Administration to operate air traffic control services to ensure the safe minimum separation of aircraft in flight and the efficient use of airspace.

(d) NOTIFICATION REQUIREMENT.—The Secretary of Defense shall provide to the Secretary of Transportation notification of any aircraft the Secretary of Defense designates as a special mission aircraft pursuant to subsection (e)(3).

(e) DEFINITIONS.—In this section:

(1) The term ''appropriate congressional committees'' means the congressional defense committees,

the Committee on Transportation and Infrastructure of the House of Representatives, and the Committee on Commerce, Science, and Transportation of the Senate.

(2) The term "air traffic control services" means services used for the monitoring, directing, control, and guidance of aircraft or flows of aircraft and for the safe conduct of flight, including communications, navigation, and surveillance services and provision of aeronautical information.

(3) The term "special mission aircraft" means an aircraft the Secretary of Defense designates for a unique mission to which ADS-B equipment creates a unique risk.

SEC. 1045. LIMITATION ON AVAILABILITY OF FUNDS FOR UNMANNED SURFACE VEHICLES.

(a) LIMITATION.—None of the funds authorized to be appropriated by this Act or otherwise made available for fiscal year 2019 for the Department of Defense for the strategic capabilities office ghost fleet overlord unmanned surface vehicle program may be obligated or expended until the Undersecretary of Defense for Research and Engineering, in coordination with the Secretary of the Navy, certifies to the congressional defense committees that—

(1) such project accelerates development of the future unmanned surface vehicle program of the Navy;

(2) the Commander of the Naval Sea Systems Command has been designated as the contracting officer for such project; and

(3) the desired procurement strategy for the ghost fleet overlord project is properly coordinated and not duplicative of the unmanned surface vehicle sea hunter program of the Navy.

(b) RULE OF CONSTRUCTION.—The limitation in subsection (a) shall not be construed to apply to any other unmanned surface vehicle program of the Department of Defense other than the program element specified in such subsection.

SEC. 1046. PROGRAM FOR DEPARTMENT OF DEFENSE CONTROLLED UNCLASSIFIED INFORMATION IN THE HANDS OF INDUSTRY.

(a) IN GENERAL.—The Secretary of Defense shall establish and implement a foreign ownership, control, or influence program for Department of Defense controlled unclassified information in the hands of industry. The Secretary may designate an entity or individual within the Department to take responsibility for such controlled unclassified information and the oversight of the program.

(b) PROGRAM REQUIREMENTS.—Under the program required by subsection (a), the Secretary shall require that prior to any company receiving controlled unclassified information or classified information, or becoming a cleared defense contractor—

(1) the company shall report to the Secretary any foreign—

(A) direction or controlling interest of the company; or

(B) access to intellectual property relating to classified information or controlled unclassified information; and

(2) the Secretary shall determine if, on the basis of information reported under paragraph (1), the company should receive such information, including if risk to the national security can be mitigated and how such mitigation would be enforced.

SEC. 1047. PROTECTION OF EMERGING AND FOUNDATIONAL TECHNOLOGIES.

(a) LIST.—The Secretary of Defense shall establish and maintain a list of emerging and foundational technologies that are necessary for maintaining the national security technological advantage of the United States over foreign countries of special concern, as determined by the Secretary.

(b) TECHNOLOGY PROTECTION.—The Secretary shall use the list under subsection (a) to inform activities carried out by the Secretary relating to technology protection, including under interagency processes conducted pursuant to Federal law.

Subtitle F—Studies and Reports

SEC. 1051. ADDITIONAL MATTER FOR INCLUSION IN ANNUAL REPORT ON CIVILIAN CASUALTIES IN CONNECTION WITH UNITED STATES MILITARY OPERATIONS.

Section 1057(b)(2) of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115–91) is amended by adding at the end the following new subparagraph:

"(F) A description of any ex gratia payments made in connection with such casualties.".

SEC. 1052. DEPARTMENT OF DEFENSE REVIEW AND ASSESSMENT ON ADVANCES IN ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING.

(a) REVIEW REQUIRED.—The Secretary of Defense, acting through the Defense Innovation Board and the Under Secretary of Defense for Research and Engineering, shall carry out a review and assessment of the advances in artificial intelligence, related machine learning developments, and associated technologies for military applica-

tions. In carrying out such review, the Secretary shall consider the methods and means necessary to advance the development of artificial intelligence, machine learning, and associated technologies within the Department of Defense to comprehensively address the national security needs and requirements of the Department of Defense.

(b) SCOPE OF REVIEW.—In conducting the review under paragraph (a) the Secretary of Defense shall consider—

(1) the competitiveness of the Department of Defense in artificial intelligence, machine learning, and other associated technologies, including matters pertaining to public-private partnerships and investments;

(2) means and methods for the Department of Defense to maintain a technological advantage in artificial intelligence, machine learning, and other associated technologies, including quantum sciences and high performance computing;

(3) means by which the Department of Defense can help foster greater emphasis and investments in basic and advanced research to stimulate private, public, academic, and combined initiatives in artificial intelligence, machine learning, and other associ-

ated technologies, including quantum sciences, and high performance computing;

(4) Department of Defense workforce and education initiatives to attract and recruit leading talent in artificial intelligence and machine learning, including science, technology, engineering, and math programs;

(5) means by which the Department of Defense may establish data standards and provide incentives for the sharing of open training data; and

(6) any other matters the Secretary of Defense determines relevant with respect to the approach of the Department of Defense to artificial intelligence and machine learning.

(c) REPORTS.—

(1) INITIAL REPORT.—Not later than 180 days after the date of the enactment of this Act, the Secretary of Defense shall submit to the congressional defense committees an initial report on the findings of the review required under subsection (a) and such recommendations as the Secretary may have for legislative action related to artificial intelligence, machine learning, and associated technologies, including recommendations to more effectively fund and organize the Department of Defense.

(2) COMPREHENSIVE REPORT.—Not later than one year after the date of the enactment of this Act, the Secretary of Defense shall submit to the congressional defense committees a comprehensive report on the review required under subsection (a).

(d) DEFINITION OF ARTIFICIAL INTELLIGENCE.—In this section, the term "artificial intelligence" includes each of the following:

(1) Any artificial system that performs tasks under varying and unpredictable circumstances without significant human oversight, or that can learn from experience and improve performance when exposed to data sets.

(2) An artificial system developed in computer software, physical hardware, or other context that solves tasks requiring human-like perception, cognition, planning, learning, communication, or physical action.

(3) An artificial system designed to think or act like a human, including cognitive architectures and neural networks.

(4) A set of techniques, including machine learning, that is designed to approximate a cognitive task.

(5) An artificial system designed to act rationally, including an intelligent software agent or em-

bodied robot that achieves goals using perception, planning, reasoning, learning, communicating, decisionmaking, and acting.

SEC. 1053. REPORT ON JOINT ENTERPRISE DEFENSE INFRASTRUCTURE.

(a) REPORT REQUIRED.—The Secretary of Defense shall submit to the congressional defense committees a report on the Joint Enterprise Defense Infrastructure. Such report shall include each of the following:

(1) Information relating to the current composition of the Cloud Executive Steering Group and its mission, objectives, goals, and strategy.

(2) A description of the characteristics and considerations for accelerating the cloud architecture and services required for a global, resilient, and secure information environment to enable warfighting and mission command, as validated by the Joint Requirements Oversight Council for the Joint Enterprise Defense Infrastructure.

(3) Information relating to the approved acquisition strategy and timeline for the Joint Enterprise Defense Infrastructure, including estimated migration costs and timelines.

(4) A description of how the approved acquisition strategy referred to in paragraph (3) provides for

a full and open competition, enables the Department of Defense to continuously leverage and acquire new cloud computing capabilities, maintains the ability of the Department to leverage other cloud computing vendor products and services, incorporates elements to maintain security, and provides for the best performance, cost, and schedule to meet the cloud architecture and services requirements of the Department for the duration of such contract.

(5) A description of the associated Joint Enterprise Defense Infrastructure program office, including number of personnel, overhead cost, and organizational structure.

(6) A description of the effect of the Joint Enterprise Defense Infrastructure on and the relationship of such Infrastructure to existing cloud computing infrastructure, platform, and service contracts across the Department of Defense, specifically the effect and relationship to the private cloud infrastructure of the Department, MilCloud 2.0 run by the Defense Information Systems Agency.

(7) Information relating to the most recent Department of Defense Cloud Computing Strategy and description of any initiatives to update such Strategy.

(8) Information relating to Department of Defense guidance pertaining to cloud computing capability or platform acquisition and standards, and a description of any initiatives to update such guidance.

(9) Any other matters the Secretary of Defense determines relevant.

(b) LIMITATION ON USE OF FUNDS.—Of the amounts authorized to be appropriated or otherwise made available by this Act for fiscal year 2019 for acquisition of services or associated program office support for the Joint Enterprise Defense Infrastructure of the enterprise-wide Cloud Executive Steering Group, not more than 50 percent may be obligated or expended until the Secretary of Defense submits to the congressional defense committees the report required by subsection (a).

SEC. 1054. REPORT ON PROPOSED CONSOLIDATION OF DEPARTMENT OF DEFENSE GLOBAL MESSAGING AND COUNTER MESSAGING CAPABILITIES.

(a) REPORT REQUIRED.—The Secretary of Defense shall submit to the congressional defense committees a report on the proposed consolidation of the global messaging and counter messaging (GMCM) capabilities of the Department of Defense. Such report shall include each of the following:

(1) The justification of the Secretary for the proposed consolidation of such capabilities.

(2) The justification of the Secretary for the proposed designation of the United States Special Operations Command as the entity responsible for establishing the centralized GMCM capability.

(3) A description of the proposed roles and responsibilities of the United States Special Operations Command as such entity.

(4) A description of the roles and responsibilities of the combatant commanders regarding the operational use of the GMCM capability.

(5) The effect of the proposed consolidation of such capabilities on existing GMCM contracts and capabilities.

(6) An implementation plan that includes a detailed description of the resources and other requirements required for the United States Special Operations Command to establish the centralized GMCM capability for the period covered by the current future year's defense program.

(7) A comprehensive plan for the continual assessment of the effectiveness of the GMCM activities and programs.

(8) An identification of the anticipated efficiencies, cost savings, and operational benefits associated with the consolidation of the GMCM capabilities.

(9) A description of any actions, activities, and efforts taken to implement section 1637 of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115–91).

(b) LIMITATION ON USE OF FUNDS.—Not more than 50 percent of the amounts authorized to be appropriated by this Act or otherwise made available for fiscal year 2019 for the Commander of the United States Special Operations Command for global messaging and counter messaging may be obligated or expended before the date that is 30 days after the date on which the Secretary submits the report required by subsection (a).

SEC. 1055. COMPREHENSIVE REVIEW OF PROFESSIONALISM AND ETHICS PROGRAMS FOR SPECIAL OPERATIONS FORCES.

(a) REVIEW REQUIRED.—The Secretary of Defense, in coordination with the Secretaries of each of the military departments, shall conduct a comprehensive review of the ethics and professionalism programs of the United States Special Operations Command and of the military departments for officers and other military personnel serving in special operations forces.

(b) ELEMENTS OF THE REVIEW.—The review conducted under subsection (a) shall specifically include a description and assessment of each of the following:

(1) The culture of professionalism and ethics of the United States Special Operations Command and affiliated component commands.

(2) The ethics and professionalism programs of the military departments available for special operations forces.

(3) The ethics and professionalism programs of the United States Special Operations Command and affiliated component commands.

(4) The roles and responsibilities of the military departments and the United States Special Operations Command and affiliated component commands in administering, overseeing, managing, and ensuring compliance and participation of special operations forces in ethics and professionalism programs, including an identification of—

(A) gaps in the administration, oversight, and management of such programs and in ensuring the compliance and participation in such programs; and

(B) additional guidance that may be required for a systematic, integrated approach in

administering, overseeing, and managing such programs and in ensuring compliance with and participation in such programs in order to address issues and improve ethical culture and professionalism.

(5) The management and oversight framework in place that is designed to ensure that all ethics and professionalism programs available to special operations forces meet Department standards.

(6) Tools and metrics for identifying and assessing individual and organizational ethics and professionalism issues with respect to special operations forces.

(7) Tools and metrics for assessing the effectiveness of existing ethics and professionalism programs in improving or addressing individual and organizational ethics-related and professionalism issues with respect to special operations forces.

(8) Additional programs or actions that may be required to address or improve individual and organizational ethics and professionalism issues with respect to special operations forces.

(9) Actions to improve the oversight and accountability by senior leaders of ethics and profes-

sionalism-related issues with respect to special operations forces.

(c) DEFINITIONS.—In this section:

(1) The term "ethics program" means a program that includes—

(A) compliance-based ethics training, education, initiative, or other activity that focuses on adherence to rules and regulations; and

(B) values-based ethics training, education, initiative, or other activity that focuses on upholding a set of ethical principles in order to achieve high standards of conduct and incorporate guiding principles to help foster an ethical culture and inform decision-making where rules are not clear.

(2) The term "professionalism program" means a program that includes training, education, initiative, or other activity that focuses on values, ethics, standards, code of conduct, and skills as related to the military profession.

(d) SUBMITTAL OF REVIEW.—The Secretary of Defense shall submit the review required by subsection (a) to the Committees on Armed Services of the Senate and the House of Representatives by not later than March 1, 2019.

SEC. 1056. MUNITIONS ASSESSMENTS AND FUTURE-YEARS DEFENSE PROGRAM REQUIREMENTS.

(a) REQUIRED REPORTS.—Not later than March 1, 2019, and annually thereafter, the Under Secretary of Defense for Acquisition and Sustainment, in consultation with the Chairman of the Joint Chiefs of Staff shall submit to the congressional defense committees each of the following:

(1) The most current munitions assessments, as defined by Department of Defense Instruction Number 3000.04, relating to the Department of Defense munitions requirements process.

(2) The most current sufficiency assessments, as defined by such Department of Defense Instruction.

(3) The most current approved memorandum of the Joint Requirements Oversight Council resulting from the munitions requirements process.

(4) The planned funding and munitions requirements required for the first fiscal year beginning after the date of the submittal of the report and across the future-years defense program for munitions across all military departments and the Missile Defense Agency.

(5) The planned foreign military sales and foreign military financing orders for United States munitions across the future-years defense program.

(b) SUNSET.—The requirement to submit reports and assessments under this section shall terminate on December 31, 2021.

(c) SUPPLY CHAIN ASSESSMENTS.—Beginning in fiscal year 2020, the Under Secretary shall evaluate supply chain risks, including qualified supplier shortages and single source supplier vulnerabilities for munitions production. The Under Secretary shall include in the reports required under subsection (a) for fiscal year 2020 and any subsequent fiscal year for which such reports are required to be submitted, a list of munitions that are at risk of production impacts from the loss of qualified suppliers.

SEC. 1057. REPORT ON ESTABLISHMENT OF ARMY FUTURES COMMAND.

(a) REPORT REQUIRED.—Not later than February 1, 2019, the Secretary of the Army shall submit to the congressional defense committees a report on the Army's plan for the establishment of Army Futures Command.

(b) CONTENTS OF REPORT.—The report required by subsection (a) shall include each of the following:

(1) A description of the mission of Army Futures Command.

(2) A description of the authorities and responsibilities of the Commander of Army Futures Command.

(3) A description of the relationship between such authorities and the authorities of the Army Acquisition Authority and a description of any changes to be made to the authorities and missions of other Army major commands.

(4) A detailed description of the structure for Army Futures Command, including grade requirements.

(5) A detailed description of any resources or elements to be realigned from the Army Training and Doctrine Command, Army Materiel Command, Army Force Command, or Army Test and Evaluation Command to Army Futures Command.

(6) An assessment of the number and location of members of the Armed Forces and Department of Defense civilian personnel expected to be assigned to Army Futures Command.

(7) A cost estimate for the establishment of Army Futures Command in fiscal year 2019 and projected costs for each of fiscal years 2020 through 2023.

(8) A description of the headquarters stationing selection criteria and methodology

(9) Any other information relating to the command, as determined by the Secretary.

SEC. 1058. ASSESSMENT OF DEPARTMENT OF DEFENSE ELECTROMAGNETIC SPECTRUM WARFARE ENTERPRISE.

(a) PLAN REQUIRED.—The Secretary of Defense, in consultation with the Chairman of the Joint Chiefs of Staff, shall develop a plan, and the estimated cost and schedule of implementing the plan, to conduct joint campaign modeling and wargaming for joint electromagnetic spectrum operations. Such plan shall include each of the following:

(1) The capabilities and capacity, and the associated governance and command and control architecture design, required to effectively employ military forces designated to conduct multi-domain electromagnetic spectrum operations of the Department of Defense.

(2) The fiscal and manpower resources required to carry out paragraph (1) and to inform the budget requests of the Department of Defense.

(3) The sufficiency of experimentation, testing, and training infrastructure, ranges, instrumentation, and threat simulators required to support the development of electromagnetic spectrum capabilities.

(4) The sufficiency and overall effectiveness of electromagnetic spectrum operations to inform joint adaptive planning activities.

(5) All level 3 and level 4 contingency plans (as such plans are described in Joint Publication 5-0 of the Joint Chiefs of Staff, entitled "Joint Planning" and dated June 16, 2017).

(b) REPORT.—

(1) IN GENERAL.—Not later than February 18, 2019, the Secretary of Defense shall submit to the congressional defense committees a report on the plan developed under subsection (a).

(2) FORM OF REPORT.—The report required by paragraph (1) shall be submitted in unclassified form, but may include a classified annex.

(c) ANNUAL BRIEFINGS.—

(1) IN GENERAL.—Not later than February 5, 2019, and annually thereafter for each of the next five subsequent years, the Secretary of Defense, in coordination with the Chairman of the Joint Chiefs of Staff, shall provide to the Committee on Armed Services of the House of Representatives a briefing on the joint electromagnetic spectrum operations of the Department of Defense. Such briefing shall include each of the following:

(A) An update on the governance, organizational structure, and activities of the Electronic Warfare Executive Committee of the Department

of Defense, as established by memorandum of the Deputy Secretary of Defense on March 17, 2015.

(B) An assessment of the progress in achieving the goals and objectives described in—

(i) the current strategy for the electromagnetic spectrum warfare enterprise issued by the Executive Committee; and

(ii) Department of Defense Directive 3222.04, dated May 10, 2017.

(C) An assessment of the current readiness, sufficiency, unity of effort, and modernization of the joint military services with respect to joint electromagnetic spectrum capabilities and the ability of the joint military services to train and employ effectively in an electromagnetic spectrum warfare operational environment for all level 3 and level 4 contingency plans (as such plans are described in Joint Publication 5-0 of the Joint Chiefs of Staff, entitled "Joint Planning" and dated June 16, 2017).

(D) The same information as is required to be submitted under section 1053(b) of the National Defense Authorization Act for Fiscal Year 2010 (Public Law 111-84; 123 Stat. 2459).

(2) FORM OF BRIEFING.—Each briefing required by paragraph (1) shall be unclassified, but may include a classified presentation.

(d) ONE-TIME BRIEFING.—

(1) IN GENERAL.—Not later than February 25, 2019, the Secretary of Defense, in coordination with the Chairman of the Joint Chiefs of Staff, shall provide to the Committee on Armed Services of the House of Representatives a briefing on the joint electromagnetic spectrum operations of the Department of Defense. Such briefing shall include each of the following:

(A) An update on the progress of the Department in implementing the pilot program authorized by section 234 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328; 10 U.S.C. 113 note).

(B) The progress of the Department in establishing and operationalizing joint electromagnetic spectrum operations cells at battle-management and command and control locations of the combatant commanders and designated joint task force commanders.

(C) The progress of the Department in establishing a network to connect an electro-

magnetic battle management system to multiple sensor and intelligence data feeds to implement electronic warfare battle management for networked electronic warfare and dynamic reprogramming with automated near real-time capabilities.

(D) The number of personnel assigned to joint electromagnetic spectrum operations mission activities, to include officers, enlisted members, and civilian personnel, set forth separately by career field designator and rank for each military service, combatant command, and defense agency.

(E) A comparison of commissioned officer promotion rates among the personnel described in paragraph (d), by grade, compared to the average promotion rates for commissioned officers, by grade, in each military service, over the five most recent promotion cycles that have been completed since the end of fiscal year 2018.

(F) An assessment of Department of Defense governance, organizational alignment, human capital, and other applicable resources responsible for the development, management, and implementation of joint electromagnetic spectrum

policy, doctrine, concepts, requirements, capabilities, and operational activities.

(2) FORM OF BRIEFING.—The briefing required by paragraph (1) shall be unclassified, but may include a classified presentation.

(e) DEFINITIONS.—In this section:

(1) The term "electromagnetic battle management" means the dynamic monitoring, assessing, planning, and directing of joint electromagnetic spectrum operations in support of a military commander's scheme of maneuver.

(2) The term "joint electromagnetic spectrum operations" means those activities consisting of electronic warfare and joint electromagnetic spectrum management operations used to exploit, attack, protect, and manage the electromagnetic operational environment to achieve a military commander's objectives.

SEC. 1059. REPORT ON SUPPORT FOR NON-CONTIGUOUS STATES AND TERRITORIES IN THE EVENT OF THREATS AND INCIDENTS.

(a) REPORT REQUIRED.—Not later than February 1, 2019, the Secretary of Defense shall submit to the Committees on Armed Services of the Senate and House of Representatives a report on the preparedness of the Department

of Defense in providing support to non-contiguous States and territories in he aftermath of a natural or manmade incident that warrants the Department to assist the State and civil entities with the protection of life and to provide emergency work.

(b) CONTENTS OF REPORT.—For purposes of the report under subsection (a)—

(1) the support covered by the report may include support provided under section 403(c) of the Robert T. Stafford Disaster Relief and Emergency Assistance Act (42 U.S.C. 5170b(c)); and

(2) the incidents covered by the report shall include natural disasters, acts of terrorism, and industrial accidents.

(c) FORM OF REPORT.—The report required by subsection (a) shall be submitted in unclassified form, but may contain a classified annex.

SEC. 1060. REPORT ON LOW-BOOM FLIGHT DEMONSTRATION.

Not later than 90 days after the date of the enactment of this Act, the Administrator of the National Aeronautics and Space Administration shall submit to the Committee on Science, Space, and Technology of the House of Representatives a report describing the progress in development of the Low-Boom Flight Demonstration, including—

(1) the plans of the Administrator to coordinate with other executive agencies to ensure the availability of developmental and operational testing infrastructure for low-boom flight demonstrations by 2021; and

(2) the strategy of the Administration to acquire chase aircrafts to ensure the availability of such aircrafts for such demonstrations.

SEC. 1061. REPORT ON CYBER-ENABLED INFORMATION OPERATIONS.

Not later than 180 days after the date of the enactment of this Act, the President shall transmit to the Committees on Armed Services and Foreign Affairs of the House of Representative and the Committees on Armed Services and Foreign Relations of the Senate a report on the effects of cyber-enabled information operations on the national security of the United States. Such report shall include each of the following:

(1) A summary of actions taken by the Federal Government to protect the national security of the United States against cyber-enabled information operations.

(2) A description of the resources necessary to protect the national security of the United States

against cyber-enabled information operations by foreign adversaries.

Subtitle G—Other Matters

SEC. 1071. TECHNICAL, CONFORMING, AND CLERICAL AMENDMENTS.

(a) TITLE 10, UNITED STATES CODE.—Title 10, United States Code, is amended as follows:

(1) Sections 130j and 130k, as added by section 1631 of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115–91; 131 Stat. 1736), are amended by striking "section 3093 of title 50, United States Code" both places it appears and inserting "section 503 of the National Security Act of 1947 (50 U.S.C. 3093)".

(2) The table of sections at the beginning of chapter 3 is amended by striking the items relating to sections 130j and 130k and inserting the following new items:

"130j. Notification requirements for sensitive military cyber operations.
"130k. Notification requirements for cyber weapons.".

(3) Section 131(b)(9), as amended by section 811, is further amended—

(A) by striking subparagraphs (B), (C), and (D); and

(B) by redesignating subparagraphs (E), (F), (G), and (H), as subparagraphs (B), (C), (D), and (E), respectively.

(4) The table of sections at the beginning of chapter 4 is amended by striking the item relating to section 261 and inserting the following:

"241. Reference to chapters 1003, 1005, and 1007.".

(5) Section 494(b)(2) is amended in the matter preceding subparagraph (A) by striking "March 1, 2012, and annually thereafter" and inserting "March 1 of each year".

(6) Section 495(a) is amended by striking "Beginning in fiscal year 2013, the" and inserting "The".

(7) Section 499a(d), as added by section 1652(a) of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115–91; 131 Stat. 1757), is amended by striking "on or after the date of the enactment of this section" and inserting "after December 11, 2017,".

(8) Section 637a(d) is amended by striking "specialities" and inserting "specialties".

(9) Section 664(d)(1) is amended by striking "the the" and inserting "the".

(10) The table of subchapters at the beginning of chapter 47A is amended by striking the item relating to subchapter VII and inserting the following:

"VII. POST-TRIAL PROCEDURE AND REVIEW OF MILITARY COMMISSIONS".

(11) The table of sections at the beginning of subchapter VII of chapter 47A is amended by striking the item relating to section 950g and inserting the following:

"950g. Review by United States Court of Appeals for the District of Columbia Circuit; writ of certiorari to Supreme Court.".

(12) Section 950t is amended—

(A) in paragraph (9), by striking "attack. or" and inserting "attack, or";

(B) in paragraph (16), by striking "shall punished" and inserting "shall be punished"; and

(C) in paragraph (22), by adding a period at the end.

(13) The table of sections at the beginning of chapter 55 is amended by striking the item relating to section 1077a and inserting the following:

"1077a. Access to military medical treatment facilities and other facilities.".

(14) Section 1415(e) is amended by striking "concerned".

(15) Section 2006a(b)(3) is amended by striking "the such programs" and inserting "such programs".

(16) Section 2279(c) is amended by striking "subsection (a) and (b)" and inserting "subsections (a) and (b)".

(17) Section 2279c, as added by section 1601(a)(1) of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115–91; 131 Stat. 1718), is amended—

(A) in subsection (a)(3), by striking " the date of the enactment of this Act" and inserting "December 12, 2017"; and

(B) in subsection (b)—

(i) in the matter preceding paragraph (1), by striking " the date of the enactment of this section" and inserting "December 12, 2017"; and

(ii) in paragraph (3), by striking "on or after the date that is one year after the date of the enactment of this section" and inserting "after December 11, 2018".

(18)(A) The second section 2279c, as added by section 1602 of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115–91; 131 Stat. 1721), is redesignated as section 2279d.

(B) The table of sections at the beginning of chapter 135 is amended by inserting after the item relating to section 2279c the following new item:

"2279d. Limitation on construction on United States territory of satellite positioning ground monitoring stations of certain foreign governments.".

(19) Section 2313b(b)(1)(E), as added by section 803(a) of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115–91; 131 Stat. 1452), is amended by redesignating clauses (A) and (B) as clauses (i) and (ii), respectively.

(20) Section 2324(e)(1) is amended by redesignating the second subparagraph (P) and subparagraph (Q) as subparagraphs (Q) and (R), respectively.

(21) Section 2337a(d), as added by section 836(a)(1) of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115–91; 131 Stat. 1473), is amended by striking "title 10, United States Code" and inserting "this title".

(22) Section 2374a(e) is amended by striking ",," and inserting ",".

(23) The table of sections at the beginning of chapter 141 is amended by striking the item relating to section 2410s and inserting the following new item:

"2410s. Security clearances for facilities of certain companies.".

(24) The heading of section 2410s is amended by striking the period at the end.

(25)(A) The heading of section 2414, as amended by section 817(1) of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115–91; 131 Stat. 1462), is amended to read as follows:

***"§ 2414. Funding"**.*

(B) The item relating to such section in the table of sections at the beginning of chapter 142 is amended to read as follows:

"2414. Funding.".

(26) Section 2613(g) is amended by striking "(1)".

(27) Section 2679(a)(1) is amended by striking "Federal government" and inserting "Federal Government".

(28) The heading of section 2691, as amended by section 2814(b)(1) of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115–91), is amended to read as follows:

***"§ 2691. Restoration of land used by permit or damaged by mishap; reimbursement of state costs of fighting wildland fires"**.*

(29) Section 2879(a)(2)(A), as added by section 2817(a)(1) of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115–91), is amend-

ed by striking "on or after the date of the enactment of this section" and inserting "after December 11, 2017,".

(30) The heading of section 2914 is amended to read as follows:

"§2914. Energy resilience and conservation construction projects".

(31) Section 10504 is amended—

(A) in subsection (a), by striking "The Chief" and inserting "(1) The Chief"; and

(B) by redesignating the second subsection (b) as subsection (c).

(b) TITLE 32, UNITED STATES CODE.—Title 32, United States Code, is amended in section 902, by striking "the Secretary, determines" and inserting "the Secretary determines".

(c) NDAA FOR FISCAL YEAR 2018.—Effective as of December 12, 2017, and as if included therein as enacted, the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115–91; 131 Stat. ____ et seq.) is amended as follows:

(1) Section 834(a)(2) (131 Stat. 1470) is amended by striking "subchapter I of".

(2) Section 913(b) is amended by striking the dash after the colon in the matter preceding paragraph (1).

(3) Section 1051(d)) is amended by inserting "National" before "Defense Authorization Act".

(4) Section 1691(i) is amended—

(A) by inserting "the" after "Title XIV of"; and

(B) by inserting "as enacted into law by" before "Public Law 106–398".

(5) Section 2817(a)(2) is amended by striking "table of sections for" and inserting "table of sections at the beginning of subchapter IV of".

(6) Section 2831(b) is amended by inserting "of title 10, United States Code," after "chapter 173".

(7) Section 2876(d) is amended—

(A) by inserting "In this section:" after "DEFINITIONS.—"; and

(B) in paragraph (1)(A), in the matter preceding clause (i), by inserting open quotation marks before "beneficial" and close quotation marks after "owner".

(e) OTHER NDAAS.—

(1) FY2016.—Section 828(c) of the National Defense Authorization Act for Fiscal Year 2016 (Public

Law 114–92; 10 U.S.C. 2430 note), as added by section 825(a)(4) of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115–91; 131 Stat. 1466), is amended by inserting "subsection" before "(b)".

(2) FY2001.—Section 821(e) of the Floyd D. Spence National Defense Authorization Act for Fiscal Year 2001 (as enacted into law by Public Law 106–398; 10 U.S.C. 2302 note) is amended by striking paragraph (2).

(f) OTHER LAWS.—

(1) TITLE 31.—Paragraph (1) of section 5112(p) of title 31, United States Code, as amended by section 885 of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115–91; 131 Stat. 1505), is amended by striking ", United States Code" each place it appears.

(2) TITLE 49.—Subsection (h) of section 44718 of title 49, United States Code, as amended and redesignated by sections 311(b)(3) and 311(e)(1) of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115–91), is amended—

(A) in paragraph (1), by striking "section 183a(g) of title 10" and inserting "section 183a(h)(1) of title 10" ; and

(B) in paragraph (2), by striking "section 183a(g) of title 10" and inserting "section 183a(h)(7) of title 10".

(3) ATOMIC ENERGY DEFENSE ACT.—Section 4309(c) of the Atomic Energy Defense Act (50 U.S.C. 2575(c)) is amended by redesignating paragraphs (17) and (18) as paragraphs (16) and (17), respectively.

(g) CONFORMING AMENDMENTS RELATING TO THE CHIEF MANAGEMENT OFFICER OF THE DEPARTMENT OF DEFENSE.—

(1) CONFORMING AMENDMENTS.—

(A) Each of the following provisions law is amended by striking "Deputy Chief Management Officer" each place it appears and inserting "Chief Management Officer":

(i) Section 192(e)(2) of title 10, United States Code.

(ii) Section 2222 of title 10, United States Code.

(iii) Section 11319(d)(4) of title 40, United States Code.

(iv) Section 881(a) of the National Defense Authorization Act for Fiscal Year

2016 (Public Law 114–92; 10 U.S.C. 2302 note).

(v) Section 217 of the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114–92; 10 U.S.C. 2445a note).

(B) Section 131(b) of title 10, United States Code, as amended by subsection (a)(3) of this section, is further amended—

(i) by striking paragraph (4); and

(ii) by redesignating paragraphs (5) through (10) as paragraphs (4) through (9), respectively.

(C) Section 137a(d) of title 10, United States Code, is amended—

(i) by striking "the Secretaries of the military departments," and inserting "the Chief Management Officer of the Department of Defense, the Secretaries of the military departments, and"; and

(ii) by striking ", and the Deputy Chief Management Officer of the Department of Defense".

(D) Section 138(d) of title 10, United States Code, is amended—

(i) by inserting "the Chief Management Officer of the Department of Defense," after "the Deputy Secretary of Defense,"; and

(ii) by striking " the Deputy Chief Management Officer of the Department of Defense,".

(E) Section 904(b)(4) the National Defense Authorization Act for Fiscal Year 2008 (Public Law 110–181; 10 U.S.C. 132 note.) is amended—

(i) by striking "and Deputy Chief Management Officer"and

(ii) by striking "as is necessary to assist those officials in the performance of their duties" and inserting "as is necessary to assist the Chief Management Officer in the performance of the duties assigned to such official".

(F) Section 5314 of title 5, United States Code, is amended by striking "Deputy Chief Management Officer of the Department of Defense.".

(2) REFERENCES.—

(A) IN LAW OR REGULATION.—Any reference in a law (other than this Act) or regulation in effect on the day before the date of the enactment of this Act to the Deputy Chief Management Officer of the Department of Defense is deemed to be a reference to the Chief Management Officer of the Department of Defense.

(B) IN OTHER DOCUMENTS, PAPERS, OR RECORDS.—Any reference in a document, paper, or other record of the United States prepared before the date of the enactment of this Act to the Deputy Chief Management Officer of the Department of Defense is deemed to be a reference to the Chief Management Officer of the Department of Defense.

(h) COORDINATION WITH OTHER AMENDMENTS MADE BY THIS ACT.—For purposes of applying amendments made by provisions of this Act other than this section, the amendments made by this section shall be treated as having been enacted immediately before any such amendments by other provisions of this Act.

SEC. 1072. PRINCIPAL ADVISOR ON COUNTERING WEAPONS OF MASS DESTRUCTION.

(a) IN GENERAL.—

(1) DESIGNATION OF PRINCIPAL ADVISOR.—Chapter 4 of title 10, United States Code, is amended by adding at the end the following new section:

"§ 145. Principal Advisor on Countering Weapons of Mass Destruction

"(a) DESIGNATION.—The Secretary of Defense shall designate, from among the personnel of the Office of the Secretary of Defense, a Principal Advisor on Countering Weapons of Mass Destruction. Such Principal Advisor shall act as the principal advisor to the Secretary on the activities of the Department of Defense relating to countering weapons of mass destruction. The individual designated to serve as such Principal Advisor shall be an individual who was appointed to the position held by the individual by and with the advice and consent of the Senate.

"(b) RESPONSIBILITIES.—The Principal Advisor designated under subsection (a) shall carry out the following responsibilities:

"(1) Supervising the activities of the Department of Defense relating to countering weapons of mass destruction, including the oversight of policy and operational considerations, resources, personnel, acquisition, and technology.

"(2) Carrying out such other responsibilities relating to countering weapons of mass destruction as the Secretary shall specify.".

(2) CLERICAL AMENDMENT.—The table of sections at the beginning of such chapter is amended by adding at the end the following new item:

"145. Principal Advisor on Countering Weapons of Mass Destruction.".

(b) OVERSIGHT PLAN.—Not later than 180 days after the date of the enactment of this Act, the Secretary of Defense shall submit to the congressional defense committees a plan to streamline the oversight framework of the Office of the Secretary of Defense, including any efficiencies and the potential to reduce, realign, or otherwise restructure current Assistant Secretary and Deputy Assistant Secretary positions with responsibilities for overseeing countering weapons of mass destruction policy, programs, and activities.

SEC. 1073. RECEIPT OF FIREARM OR AMMUNITION.

(a) RECEIPT OF FIREARM OR AMMUNITION BY SPOUSE OF MEMBER OF THE ARMED FORCES AT A DUTY STATION OF THE MEMBER OUTSIDE THE UNITED STATES.—Section 925(a)(3) of title 18, United States Code, is amended—

(1) by inserting ", or to the spouse of such a member," before "or to";

(2) by striking "members," and inserting "members and spouses,";

(3) by striking "members or" and inserting "members, spouses, or"; and

(4) by striking "member or" and inserting "member, spouse, or".

(b) RESIDENCY OF SPOUSES OF MEMBERS OF THE ARMED FORCES TO BE DETERMINED ON THE SAME BASIS AS THE RESIDENCY OF SUCH MEMBERS FOR PURPOSES OF FEDERAL FIREARMS LAWS.—Section 921(b) of title 18, United States Code, is amended to read as follows:

"(b) For purposes of this chapter, a member of the Armed Forces on active duty, or a spouse of such a member, is a resident of—

"(1) the State in which the member or spouse maintains legal residence;

"(2) the State in which the permanent duty station of the member is located; and

"(3) the State in which the member maintains a place of abode from which the member commutes each day to the permanent duty station of the member.".

(c) EFFECTIVE DATE.—The amendments made by this section shall apply to conduct engaged in after the 6-month period that begins on the date of the enactment of this Act.

SEC. 1074. FEDERAL CHARTER FOR SPIRIT OF AMERICA.

(a) FEDERAL CHARTER.—Part B of subtitle II of title 36, United States Code, is amended by inserting after chapter 2003 the following new chapter:

"CHAPTER 2005—SPIRIT OF AMERICA

"Sec.
"200501. Organization.
"200502. Purposes.
"200503. Governing body.
"200504. Powers.
"200505. Restrictions.
"200506. Records and inspection.
"200507. Duty to maintain tax-exempt status.
"200508. Quarterly report.

"§ 200501. Organization

"(a) FEDERAL CHARTER.—Spirit of America (in this chapter 'the corporation'), a nonprofit corporation, is a federally chartered corporation.

"(b) EXPIRATION OF CHARTER.—If the corporation does not comply with the provisions of this chapter, the charter granted by this chapter expires.

"(c) SCOPE OF CHARTER.—Nothing in the charter granted by this chapter shall be construed as conferring special rights or privileges upon the corporation, or as placing upon the Department of Defense any obligation with respect to the corporation.

"§ 200502. Purposes

"The purposes of the corporation are as provided in its constitution and bylaws and include the following:

"(1) To respond to the needs of local populations abroad, as identified by members of the Armed Forces and diplomats of the United States abroad.

"(2) To connect the people of the United States more closely to the members of the Armed Forces and diplomats of the United States abroad, and to the missions carried out by such personnel abroad.

"(3) To demonstrate the goodwill of the people of the United States to peoples around the world.

"§ 200503. Governing body

"(a) BOARD OF DIRECTORS.—

"(1) The board of directors is the governing body of the corporation. The powers, duties, and responsibilities of the board are as provided in the constitution and bylaws of the corporation.

"(2) The number of directors is as provided in the constitution of the corporation. Their manner of selection (including the filling of vacancies) and their term of office are as provided in the constitution and bylaws.

"(b) OFFICERS.—(1) The officers of the corporation are a chairman of the board of directors, a president, one or more vice presidents as provided in the constitution and bylaws, a secretary, a treasurer, and one or more assistant

secretaries and assistant treasurers as provided in the constitution and bylaws.

"(2) The manner of election, term of office, and duties of the officers are as provided in the constitution and by-laws.

"§ 200504. Powers

"The corporation may—

"(1) adopt and amend a constitution, by-laws, and regulations to carry out the purposes of the corporation;

"(2) adopt and alter a corporate seal;

"(3) establish and maintain offices to conduct its activities;

"(4) enter into contracts;

"(5) acquire, own, lease, encumber, and transfer property as necessary and appropriate to carry out the purposes of the corporation;

"(6) establish, regulate, and discontinue subordinate State and territorial subdivisions and local chapters or posts;

"(7) publish a magazine and other publications (including through the Internet);

"(8) sue and be sued;

"(9) do any other act necessary and proper to carry out the purposes of the corporation as provided in its constitution, by-laws, and regulations; and

"(10) to do any other act necessary and proper to carry out the purposes stated in section 200502 of this title.

"§ 200505. Restrictions

"(a) PROFIT.—The corporation may not engage in business activity for profit unless the activity is substantially related to—

"(1) the purposes stated in 200502 of this title; or

"(2) raising funds to accomplish those purposes.

"(b) STOCK AND DIVIDENDS.—The corporation may not issue stock or declare or pay a dividend.

"(c) POLITICAL ACTIVITIES.—The corporation shall be nonpolitical and may not provide financial aid or assistance to, or otherwise promote the candidacy of, an individual seeking elective public office. A substantial part of the activities of the corporation may not involve carrying on propaganda or otherwise attempting to influence legislation.

"(d) DISTRIBUTION OF INCOME OR ASSETS.—The income or assets of the corporation may not inure to the benefit of a governor, officer, member, or employee or be distrib-

uted to any person during the life of the corporation or on its dissolution or final liquidation. This subsection does not prevent the payment of reasonable compensation to an officer, employee, or other person or reimbursement for actual necessary expenses in amounts approved by the board of directors.

''(e) LOANS.—The corporation may not make a loan to a governor, officer, member or employee.

''(f) NO CLAIM OF GOVERNMENTAL APPROVAL OR AUTHORITY.—The corporation may not claim approval of Congress, of the authority of the United States, for any activity of the corporation.

''§ 200506. Records and inspection

''(a) RECORDS.—The corporation shall keep—

''(1) correct and complete records of account;

''(2) minutes of the proceedings of its members, board of governors, and committees having any of the authority of the corporation; and

''(3) at its principal office, a record of the names and addresses of its members entitled to vote.

''(b) INSPECTION.—A member, or an agent or attorney of a member, may inspect the records of the corporation for any proper purpose, at any reasonable time.

"§ 200507. Duty to maintain tax-exempt status

"If the corporation fails to maintain its status as an organization exempt from taxation under the Internal Revenue Code of 1986, the charter granted under this chapter shall terminate.

"§ 200508. Quarterly report

"The corporation shall submit a quarterly report to Congress on the activities of the corporation during the prior fiscal year quarter. The report shall be submitted at the same time as the report of the audit required by section 10101 of this title.".

(b) TABLES OF CHAPTERS.—The table of chapters at the beginning of title 36, United States Code, and at the beginning of subtitle II of such title, are each amended by inserting after the item relating to chapter 2003 the following new item:

"2005. Spirit of America .....200501".

SEC. 1075. TRANSFER OF AIRCRAFT TO OTHER DEPARTMENTS.

Section 1098 of the National Defense Authorization Act for Fiscal Year 2014 (Public Law 113–66; 127 Stat. 881) is amended—

(1) by striking subsections (a) and (f);

(2) by redesignating subsections (b) through (e) as subsections (a) through (d), respectively;

(3) by redesignating subsections (g) and (h) as subsections (e) and (f);

(4) in subsection (a)(1), as so redesignated, by striking "and subject to the certification requirement under subsection (f),"; and

(5) in subsection (d), as so redesignated—

(A) by striking "Promptly following the completion of the certification requirement under subsection (f) and notwithstanding" and inserting "Notwithstanding"; and

(B) by striking "shall begin transfer, without reimbursement, of—" and inserting "shall transfer, without reimbursement—".

SEC. 1076. REAUTHORIZATION OF NATIONAL AVIATION HERITAGE AREA.

(a) FINDINGS.—Congress finds as follows:

(1) The National Aviation Heritage Area, as it is currently defined, contains the National Museum of the United States Air Force and the Huffman Prairie Flying Field located within the grounds of Wright-Patterson Air Force Base.

(2) The National Aviation Heritage Area continues to preserve the historical legacy of the Wright brothers and the birth of aviation, therefore, the National Park Service should designate the National

Aviation Heritage Area as a longstanding heritage area.

(b) REAUTHORIZATION.—The National Aviation Heritage Area Act (title V of division J of the Consolidated Appropriations Act, 2005; Public Law 108–447) is amended—

(1) by striking "The Aviation Heritage Foundation, Incorporated,", "the Aviation Heritage Foundation, Incorporated (a nonprofit corporation established under the laws of the State of Ohio)", "the Aviation Heritage Foundation", "the Aviation Heritage Foundation, Incorporated" and "the Foundation" each place they appear and inserting "Dayton History";

(2) in section 503, by amending paragraph (1) to read as follows:

"(1) DAYTON HISTORY.—The term 'Dayton History' means Dayton History, an organization incorporated in Ohio and described in section 501(c)(3) of the Internal Revenue Code of 1986 and exempt from tax under section 501(a) of such Code.";

(3) in section 505, by adding at the end the following new subsection:

"(d) ACCEPTANCE OF FUNDS AND SERVICES.—The management entity may accept funds and services from any

Federal or non-Federal source for the purposes of implementing the Management Plan.''; and

(4) in section 512, by striking ''the date that is 15 years after the date that funds are first made available for this title'' and inserting ''September 30, 2025''.

(c) MANAGEMENT PLAN.—Dayton History (as such term is defined in section 503(1) of the National Aviation Heritage Area Act (title V of division J of the Consolidated Appropriations Act, 2005; Public Law 108–447)) may manage the National Aviation Heritage Area under the management plan in effect for that heritage area as of the date of the enactment of this Act.

SEC. 1077. RECOGNITION OF AMERICA'S VETERANS.

(a) AUTHORIZATION OF SUPPORT.—In order to honor American veterans, including American veterans of past wars that the Secretary of Defense determines have not received appropriate recognition, the Secretary may provide such support as the Secretary determines is appropriate for a parade to be carried out in the District of Columbia. In providing support under this subsection, the Secretary may expend funds for the display of small arms and munitions appropriate for customary ceremonial honors and for the participation of military units that perform customary ceremonial duties.

(b) PROHIBITION.—In providing support for a parade as described in subsection (a), the Secretary may not expend funds to provide motorized vehicles, aviation platforms, munitions other than the munitions specifically described in subsection (a), operational military units, or operational military platforms if the Secretary determines that providing such units, platforms, or equipment would undermine the readiness of such units, platforms, or equipment.

SEC. 1078. NATIONAL COMMISSION ON MILITARY AVIATION SAFETY.

(a) ESTABLISHMENT.—There is established the National Commission on Military Aviation Safety (in this section referred to as the "Commission").

(b) MEMBERSHIP.—

(1) COMPOSITION.—The Commission shall be composed of eight members, of whom—

(A) four shall be appointed by the President;

(B) one shall be appointed by the Chairman of the Committee on Armed Services of the Senate;

(C) one shall be appointed by the Ranking Member of the Committee on Armed Services of the Senate;

(D) one shall be appointed by the Chairman of the Committee on Armed Services of the House of Representatives; and

(E) one shall be appointed by the Ranking Member of the Committee on Armed Services of the House of Representatives.

(2) APPOINTMENT DATE.—The appointments of the members of the Commission shall be made not later than 90 days after the date of the enactment of this Act.

(3) EFFECT OF LACK OF APPOINTMENT BY APPOINTMENT DATE.—If one or more appointments under subparagraph (A) of paragraph (1) is not made by the appointment date specified in paragraph (2), the authority to make such appointment or appointments shall expire, and the number of members of the Commission shall be reduced by the number equal to the number of appointments so not made. If an appointment under subparagraph (B), (C), (D), or (E) of paragraph (1) is not made by the appointment date specified in paragraph (2), the authority to make an appointment under such subparagraph shall expire, and the number of members of the Commission shall be reduced by the number equal to the number otherwise appointable under such subparagraph.

(4) EXPERTISE.—In making appointments under this subsection, consideration should be given to individuals with expertise in military aviation training, aviation technology, military aviation operations, aircraft sustainment and repair, aviation personnel policy, aerospace physiology, and reserve component policy.

(c) PERIOD OF APPOINTMENT; VACANCIES.—Members shall be appointed for the life of the Commission. Any vacancy in the Commission shall not affect its powers, but shall be filled in the same manner as the original appointment.

(d) CHAIR AND VICE CHAIR.—The Commission shall select a Chair and Vice Chair from among its members.

(e) MEETINGS.—

(1) IN GENERAL.—The Commission shall meet at the call of the Chair.

(2) INITIAL MEETING.—Not later than 30 days after the date on which all members of the Commission have been appointed, the Commission shall hold its initial meeting.

(3) QUORUM.—A majority of the members of the Commission shall constitute a quorum, but a lesser number of members may hold hearings.

(f) DUTIES.—

(1) STUDY ON MILITARY AVIATION SAFETY.—The Commission shall undertake a comprehensive study of United States military aviation mishaps that occurred between fiscal years 2013 and 2018 in order—

(A) to assess the rates of military aviation mishaps between fiscal years 2013 and 2018 compared to historic aviation mishap rates;

(B) to make an assessment of the underlying causes contributing to the unexplained physiological effects;

(C) to make an assessment of causes contributing to delays in aviation maintenance and limiting operational availability of aircraft;

(D) to make an assessment of the causes contributing to military aviation mishaps; and

(E) to make recommendations on the modifications, if any, of safety, training, maintenance, personnel, or other policies related to military aviation safety.

(2) REPORT.—Not later than June 1, 2019, the Commission shall submit to the President and the congressional defense committees a report setting forth a detailed statement of the findings and conclusions of the Commission as a result of the study required by paragraph (1), together with the recommendations

of the Commission for such legislative and administrative actions as the Commission considers appropriate in light of the results of the study.

(g) POWERS.—

(1) HEARINGS.—The Commission may hold such hearings, sit and act at such times and places, take such testimony, and receive such evidence as the Commission considers advisable to carry out its duties under this subtitle.

(2) INFORMATION FROM DEPARTMENT.—The Commission may secure directly from any element of the Department of Defense such information as the Commission considers necessary to carry out its duties under this subtitle. Upon request of the Chair of the Commission, the head of such element shall furnish such information to the Commission.

(h) TERMINATION.—The Commission shall terminate 90 days after the date on which the Commission submits the report required under subsection (f)(2).

(i) SENSE OF CONGRESS.—It is the sense of Congress that—

(1) the Secretary of Defense should take every immediate action to make necessary repairs to aviation systems and increase pilot training and pro-

ficiency without assuming additional risk to flight safety; and

(2) this Act and the Defense Appropriations Act for fiscal year 2019 should be enacted into law by not later than October 1, 2018, at the maximum amount permitted by the Bipartisan Budget Act of 2018 (Public Law 115-23) without being conditioned on any other issue and without regard to any issue or difference of opinion.

SEC. 1079. TARGET PRACTICE AND MARKSMANSHIP TRAINING SUPPORT.

(a) FINDINGS; PURPOSE.—

(1) FINDINGS.—Congress finds that—

(A) the use of firearms and archery equipment for target practice and marksmanship training activities on Federal land is allowed, except to the extent specific portions of that land have been closed to those activities;

(B) in recent years preceding the date of enactment of this section, portions of Federal land have been closed to target practice and marksmanship training for many reasons;

(C) the availability of public target ranges on non-Federal land has been declining for a va-

riety of reasons, including continued population growth and development near former ranges;

(D) providing opportunities for target practice and marksmanship training at public target ranges on Federal and non-Federal land can help—

(i) to promote enjoyment of shooting, recreational, and hunting activities; and

(ii) to ensure safe and convenient locations for those activities;

(E) Federal law in effect on the date of enactment of this section, including the Pittman-Robertson Wildlife Restoration Act (16 U.S.C. 669 et seq.), provides Federal support for construction and expansion of public target ranges by making available to States amounts that may be used for construction, operation, and maintenance of public target ranges; and

(F) it is in the public interest to provide increased Federal support to facilitate the construction or expansion of public target ranges.

(2) PURPOSE.—The purpose of this section is to facilitate the construction and expansion of public target ranges, including ranges on Federal land man-

aged by the Forest Service and the Bureau of Land Management.

(b) AMENDMENTS TO PITTMAN-ROBERTSON WILDLIFE RESTORATION ACT.—

(1) DEFINITIONS.—Section 2 of the Pittman-Robertson Wildlife Restoration Act (16 U.S.C. 669a) is amended—

(A) by redesignating paragraphs (2) through (8) as paragraphs (3) through (9), respectively; and

(B) by inserting after paragraph (1) the following:

"(2) the term 'public target range' means a specific location that—

"(A) is identified by a governmental agency for recreational shooting;

"(B) is open to the public;

"(C) may be supervised; and

"(D) may accommodate archery or rifle, pistol, or shotgun shooting;".

(2) EXPENDITURES FOR MANAGEMENT OF WILDLIFE AREAS AND RESOURCES.—Section 8(b) of the Pittman-Robertson Wildlife Restoration Act (16 U.S.C. 669g(b)) is amended—

(A) by striking "(b) Each State" and inserting the following:

"(b) EXPENDITURES FOR MANAGEMENT OF WILDLIFE AREAS AND RESOURCES.—

"(1) IN GENERAL.—Except as provided in paragraph (2), each State";

(B) in paragraph (1) (as so designated), by striking "construction, operation," and inserting "operation";

(C) in the second sentence, by striking "The non-Federal share" and inserting the following:

"(3) NON-FEDERAL SHARE.—The non-Federal share";

(D) in the third sentence, by striking "The Secretary" and inserting the following:

"(4) REGULATIONS.—The Secretary"; and

(E) by inserting after paragraph (1) (as designated by paragraph (1) of this subsection) the following:

"(2) EXCEPTION.—Notwithstanding the limitation described in paragraph (1), a State may pay up to 90 percent of the cost of acquiring land for, expanding, or constructing a public target range.".

(3) FIREARM AND BOW HUNTER EDUCATION AND SAFETY PROGRAM GRANTS.—Section 10 of the Pitt-

man-Robertson Wildlife Restoration Act (16 U.S.C. 669h–1) is amended—

(A) in subsection (a), by adding at the end the following:

"(3) ALLOCATION OF ADDITIONAL AMOUNTS.—Of the amount apportioned to a State for any fiscal year under section 4(b), the State may elect to allocate not more than 10 percent, to be combined with the amount apportioned to the State under paragraph (1) for that fiscal year, for acquiring land for, expanding, or constructing a public target range.";

(B) by striking subsection (b) and inserting the following:

"(b) COST SHARING.—

"(1) IN GENERAL.—Except as provided in paragraph (2), the Federal share of the cost of any activity carried out using a grant under this section shall not exceed 75 percent of the total cost of the activity.

"(2) PUBLIC TARGET RANGE CONSTRUCTION OR EXPANSION.—The Federal share of the cost of acquiring land for, expanding, or constructing a public target range in a State on Federal or non-Federal land pursuant to this section or section 8(b) shall not exceed 90 percent of the cost of the activity."; and

(C) in subsection (c)(1)—

(i) by striking "Amounts made" and inserting the following:

"(A) IN GENERAL.—Except as provided in subparagraph (B), amounts made"; and

(ii) by adding at the end the following:

"(B) EXCEPTION.—Amounts provided for acquiring land for, constructing, or expanding a public target range shall remain available for expenditure and obligation during the 5-fiscal-year period beginning on October 1 of the first fiscal year for which the amounts are made available.".

(c) LIMITS ON LIABILITY.—

(1) DISCRETIONARY FUNCTION.—For purposes of chapter 171 of title 28, United States Code (commonly referred to as the "Federal Tort Claims Act"), any action by an agent or employee of the United States to manage or allow the use of Federal land for purposes of target practice or marksmanship training by a member of the public shall be considered to be the exercise or performance of a discretionary function.

(2) CIVIL ACTION OR CLAIMS.—Except to the extent provided in chapter 171 of title 28, United States Code, the United States shall not be subject to any

civil action or claim for money damages for any injury to or loss of property, personal injury, or death caused by an activity occurring at a public target range that is—

(A) funded in whole or in part by the Federal Government pursuant to the Pittman-Robertson Wildlife Restoration Act (16 U.S.C. 669 et seq.); or

(B) located on Federal land.

(d) SENSE OF CONGRESS REGARDING COOPERATION.—It is the sense of Congress that, consistent with applicable laws and regulations, the Chief of the Forest Service and the Director of the Bureau of Land Management should cooperate with State and local authorities and other entities to carry out waste removal and other activities on any Federal land used as a public target range to encourage continued use of that land for target practice or marksmanship training.

(e) DEFINITION OF PUBLIC TARGET RANGE.—In this section, the term "public target range" means a specific location that—

(1) is identified by a governmental agency for recreational shooting;

(2) is open to the public;

(3) may be supervised; and

(4) may accommodate archery or rifle, pistol, or shotgun shooting.

SEC. 1080. SENSE OF CONGRESS ON ADVERSARY AIR CAPABILITIES.

It is the sense of Congress that each facility of the Department of Defense housing an F–22 aircraft squadron should have adversary air capabilities to improve the training of F–22 aircrews.

SEC. 1081. SENSE OF CONGRESS REGARDING ORGANIC ATTACK AVIATOR TRAINING CAPABILITY.

It is the sense of Congress that—

(1) retaining attack rotary wing aviation assets in the Army National Guard continues to be important;

(2) the National Guard should retain organic attack aviation training capacity; and

(3) the Western and Eastern Army Aviation Training Sites have proven invaluable in maintaining Army National Guard aviation readiness.

SEC. 1082. SENSE OF CONGRESS ON THE LEGACY, CONTRIBUTIONS, AND SACRIFICES OF AMERICAN INDIAN AND ALASKA NATIVES IN THE ARMED FORCES.

(a) FINDINGS.—Congress finds the following:

(1) The United States celebrates Native American History Month each November to recognize and honor the history and achievements of Native Americans.

(2) American Indian and Alaska Natives serve in all branches of the Armed Forces, attend all service academies, and defend our country with valiance, pride, and honor.

(3) More than 30,000 active duty, reserve, and National Guard members of the Armed Forces identify as Native American.

(4) American Indian and Alaska Natives have served and continue to serve in the highest proportions to population than any other ethnic group.

(5) American Indian and Alaska Natives have served in every war, from the Revolutionary War to current overseas conflicts.

(6) Native American veterans are Congressional Medal of Honor, Congressional Gold and Silver Medals, Purple Heart, and Bronze Star Medal recipients.

(7) American Indian and Alaska Native women serve in Armed Forces in higher proportions than any other ethnic group.

(8) Native American Code Talkers and their languages proved an invaluable asset during World Wars I and II.

(9) Ira Hayes, Akimel O'odham (Pima) helped to raise the American flag on Iwo Jima;

(10) Dr. Joseph Medicine Crow, Apsáalooke (Crow), served in WWII and became a war chief.

(11) Numerous present and past military aircraft, helicopters, and munitions programs bear the names of Native American tribes and tribal leaders to honor their legacy of martial prowess, including the Apache, Kiowa, Black Hawk, Lakota, Chinook, Huron, Iroquois, Comanche, Cayuse, Chickasaw, Ute, Gray Eagle, Mescalero, Tomahawk, and more.

(12) Native American tribes commonly take part in ceremonies alongside military units to bless new aircraft and mark successful inception of new fleets.

(13) More than 140,000 veterans across the United States identify as Native American.

(14) Each November, the Department of Defense honors the unique and special relationship with tribal communities during Native American Heritage Month.

(b) SENSE OF CONGRESS.—It is the sense of Congress that Congress—

(1) recognizes and honors the legacy and contributions of American Indian and Alaska Natives and tribal communities to the military of the United States; and

(2) commits to ensuring progress for American Indian and Alaska Native members of the Armed Forces and veterans with regard to representation in senior military leadership positions, improving access to culturally competent resources and services, and supporting families and tribal communities.

SEC. 1083. AMATEUR RADIO PARITY.

(a) FINDINGS.—Congress finds the following:

(1) More than 730,000 radio amateurs in the United States are licensed by the Federal Communications Commission in the amateur radio services.

(2) Amateur radio, at no cost to taxpayers, provides a fertile ground for technical self-training in modern telecommunications, electronics technology, and emergency communications techniques and protocols.

(3) There is a strong Federal interest in the effective performance of amateur stations established at the residences of licensees. Such stations have been shown to be frequently and increasingly precluded by

unreasonable private land use restrictions, including restrictive covenants.

(4) Federal Communications Commission regulations have for three decades prohibited the application to stations in the amateur service of State and local regulations that preclude or fail to reasonably accommodate amateur service communications, or that do not constitute the minimum practicable regulation to accomplish a legitimate State or local purpose. Commission policy has been and is to require States and localities to permit erection of a station antenna structure at heights and dimensions sufficient to accommodate amateur service communications.

(5) The Commission has sought guidance and direction from Congress with respect to the application of the Commission's limited preemption policy regarding amateur service communications to private land use restrictions, including restrictive covenants.

(6) There are aesthetic and common property considerations that are uniquely applicable to private land use regulations and the community associations obligated to enforce covenants, conditions, and restrictions in deed-restricted communities. These considerations are dissimilar to those applicable to State law

and local ordinances regulating the same residential amateur radio facilities.

(7) In recognition of these considerations, a separate Federal policy than exists at section 97.15(b) of title 47, Code of Federal Regulations, is warranted concerning amateur service communications in deed-restricted communities.

(8) Community associations should fairly administer private land use regulations in the interest of their communities, while nevertheless permitting the installation and maintenance of effective outdoor amateur radio antennas. There exist antenna designs and installations that can be consistent with the aesthetics and physical characteristics of land and structures in community associations while accommodating communications in the amateur radio services.

(b) APPLICATION OF PRIVATE LAND USE RESTRICTIONS TO AMATEUR STATIONS.—

(1) AMENDMENT OF FCC RULES.—Not later than 120 days after the date of the enactment of this Act, the Federal Communications Commission shall amend section 97.15 of title 47, Code of Federal Regulations, by adding a new paragraph that prohibits the application to amateur stations of any private

land use restriction, including a restrictive covenant, that—

(A) on its face or as applied, precludes communications in an amateur radio service;

(B) fails to permit a licensee in an amateur radio service to install and maintain an effective outdoor antenna on property under the exclusive use or control of the licensee; or

(C) does not constitute the minimum practicable restriction on such communications to accomplish the lawful purposes of a community association seeking to enforce such restriction.

(2) ADDITIONAL REQUIREMENTS.—In amending its rules as required by subsection (a), the Commission shall—

(A) require any licensee in an amateur radio service to notify and obtain prior approval from a community association concerning installation of an outdoor antenna;

(B) permit a community association to prohibit installation of any antenna or antenna support structure by a licensee in an amateur radio service on common property not under the exclusive use or control of the licensee; and

(C) subject to the standards specified in paragraphs (1) and (2) of subsection (a), permit a community association to establish reasonable written rules concerning height, location, size, and aesthetic impact of, and installation requirements for, outdoor antennas and support structures for the purpose of conducting communications in the amateur radio services.

(c) AFFIRMATION OF LIMITED PREEMPTION OF STATE AND LOCAL LAND USE REGULATION.—The Federal Communications Commission may not change section 97.15(b) of title 47, Code of Federal Regulations, which shall remain applicable to State and local land use regulation of amateur service communications.

(d) DEFINITIONS.—In this section:

(1) The term "community association" means any non-profit mandatory membership organization composed of owners of real estate described in a declaration of covenants or created pursuant to a covenant or other applicable law with respect to which a person, by virtue of the person's ownership of or interest in a unit or parcel, is obligated to pay for a share of real estate taxes, insurance premiums, maintenance, improvement, services, or other expenses related to common elements, other units, or any other

real estate other than the unit or parcel described in the declaration.

(2) The terms "amateur radio services", "amateur service", and "amateur station" have the meanings given such terms in section 97.3 of title 47, Code of Federal Regulations.

SEC. 1084. SENSE OF CONGRESS REGARDING THE INTERNATIONAL BORDERS OF THE UNITED STATES.

It is the sense of Congress that—

(1) gaining and maintaining situational awareness and operational control of the international borders of the United States is critical to national security;

(2) the United States Government must devote adequate resources to securing the border, both at, and between, ports of entry, and the agency tasked with that mission, the Department of Homeland Security, should be adequately resourced to conduct such mission; and

(3) the Department of Defense must ensure that when it acts in support of that mission, such as when mobilized by the President to conduct homeland defense activities, or when military facilities are adjacent to an international border of the United States, it has adequate resources, capabilities, and authorities

to carry out the mission while maintaining combat readiness.

SEC. 1085. PROGRAM TO COMMEMORATE 75TH ANNIVERSARY OF WORLD WAR II.

(a) COMMEMORATIVE PROGRAM AUTHORIZED.—The Secretary of Defense shall conduct a program to commemorate the 75th anniversary of World War II. In conducting the commemorative program, the Secretary shall support and facilitate other programs and activities of the Federal Government, State and local governments, and not-for-profit organizations in commemoration of the 75th anniversary of World War II.

(b) COMMEMORATIVE ACTIVITIES AND OBJECTIVES.—The commemorative program may include activities and ceremonies to achieve the following objectives:

(1) To thank and honor veterans of World War II, including personnel who were held as prisoners of war or listed as missing in action, for their service and sacrifice on behalf of the United States and to thank and honor the families of these veterans.

(2) To educate the public about the history of World War II and highlight the service of the Armed Forces during World War II and the contributions of Federal agencies and governmental and nongovern-

mental organizations that served with, or in support of, the Armed Forces.

(3) To pay tribute to the contributions made on the home front by the people of the United States during World War II.

(4) To recognize the contributions and sacrifices made by the allies of the United States during World War II.

(c) NAMES AND SYMBOLS.—The Secretary of Defense shall have the sole and exclusive right to use the name "The United States of America 75th Anniversary of World War II Commemoration", and such seal, emblems, and badges incorporating such name as the Secretary may lawfully adopt. Nothing in this section may be construed to supersede rights that are established or vested before the date of the enactment of this Act.

(d) COMMEMORATIVE FUND.—

(1) ESTABLISHMENT AND ADMINISTRATION.—Upon the Secretary establishing the commemorative program under subsection (a), the Secretary of the Treasury shall establish in the Treasury of the United States an account to be known as the "Department of Defense World War II Commemoration Fund" (in this section referred to as the "Fund"). The Fund shall be administered by the Secretary of Defense.

(2) USE OF FUND.—The Secretary of Defense shall use the assets of the Fund only for the purpose of conducting the commemorative program and providing grants to State and local governments and not-for-profit organizations for commemorative activities, and shall prescribe such regulations regarding the use of the Fund as the Secretary considers to be necessary.

(3) DEPOSITS.—The following shall be deposited into the Fund:

(A) Amounts appropriated to the Fund.

(B) Proceeds derived from the Secretary's use of the exclusive rights described in subsection (c).

(C) Donations made in support of the commemorative program by private and corporate donors.

(D) Funds transferred to the Fund by the Secretary from funds appropriated for fiscal year 2019 and subsequent years for the Department of Defense.

(4) AVAILABILITY.—Subject to subsection (f)(2), amounts deposited under paragraph (3) shall constitute the assets of the Fund and remain available until expended.

(5) BUDGET REQUEST.—The Secretary of Defense may establish a separate budget line for the commemorative program. In the budget justification materials submitted by the Secretary in support of the budget of the President for any fiscal year for which the Secretary establishes the separate budget line, the Secretary shall—

(A) identify and explain any amounts expended for the commemorative program in the fiscal year preceding the budget request;

(B) identify and explain the amounts being requested to support the commemorative program for the fiscal year of the budget request; and

(C) present a summary of the fiscal status of the Fund.

(e) ACCEPTANCE OF VOLUNTARY SERVICES.—

(1) AUTHORITY TO ACCEPT SERVICES.—Notwithstanding section 1342 of title 31, United States Code, the Secretary of Defense may accept from any person voluntary services to be provided in furtherance of the commemorative program. The Secretary of Defense shall prohibit the solicitation of any voluntary services if the nature or circumstances of such solicitation would compromise the integrity or the appearance of

integrity of any program of the Department of Defense or of any individual involved in the program.

(2) REIMBURSEMENT OF INCIDENTAL EXPENSES.—The Secretary may provide for reimbursement of incidental expenses incurred by a person providing voluntary services under this subsection. The Secretary shall determine which expenses are eligible for reimbursement under this paragraph.

(f) FINAL REPORT.—

(1) REPORT REQUIRED.—Not later than 60 days after the end of the commemorative program established by the Secretary of Defense under subsection (a), the Secretary shall submit to Congress a report containing an accounting of—

(A) all of the funds deposited into and expended from the Fund;

(B) any other funds expended under this section; and

(C) any unobligated funds remaining in the Fund.

(2) TREATMENT OF UNOBLIGATED FUNDS.—Unobligated amounts remaining in the Fund as of the end of the commemorative period shall be held in the Fund until transferred by law.

(g) LIMITATION ON EXPENDITURES.—Total expenditures from the Fund, using amounts appropriated to the Department of Defense, may not exceed $5,000,000 for fiscal year 2019 or for any subsequent fiscal year to carry out the commemorative program.

(h) FUNDING.—Of the amount authorized to be appropriated by this Act or otherwise made available for fiscal year 2019 for operation and maintenance, Defense-wide activities, $2,000,000 shall be available for deposit in the Fund.

TITLE XI—CIVILIAN PERSONNEL MATTERS

SEC. 1101. DIRECT HIRE AUTHORITY FOR THE DEPARTMENT OF DEFENSE FOR CERTAIN COMPETITIVE SERVICE POSITIONS.

(a) IN GENERAL.—Chapter 99 of title 5, United States Code, is amended by adding at the end the following:

"§ 9905. Direct hire authority for certain personnel of the Department of Defense

"(a) IN GENERAL.—The Secretary of Defense may appoint, without regard to the provisions of subchapter I of chapter 33 (other than sections 3303 and 3328 of such chapter), qualified candidates to any of the following positions in the competitive service in the Department of Defense:

"(1) Any position involved with Department maintenance activities, including depot-level maintenance and repair.

"(2) Any position involved with cybersecurity.

"(3) Any individual in the acquisition workforce that manages any services contracts necessary to the operation and maintenance of programs of the Department.

"(4) Any science, technology, or engineering position, including any such position at the Major Range and Test Facilities Base, in order to allow development of new systems and provide for the maintenance of legacy systems.

"(b) SUNSET.—Effective on September 30, 2025, the authority provided under subsection (a) shall expire.".

(b) CLERICAL AMENDMENT.—The table of sections at the beginning of chapter 99 of such title is amended by inserting after the item relating to section 9904 the following new item:

"9905. Direct hire authority for certain personnel of the Department of Defense.".

SEC. 1102. MODIFICATION OF DIRECT HIRE AUTHORITY FOR THE DEPARTMENT OF DEFENSE FOR POST-SECONDARY STUDENTS AND RECENT GRADUATES.

(a) IN GENERAL.—Chapter 99 of title 5, United States Code, as amended by section 1101(a), is further amended by adding at the end the following:

"§ 9906. Direct hire authority for the Department of Defense for post-secondary students and recent graduates

"(a) IN GENERAL.—Without regard to sections 3309 through 3318, 3327, and 3330, the Secretary of Defense may recruit and appoint qualified recent graduates and current post-secondary students to competitive service positions in professional and administrative occupations within the Department of Defense.

"(b) REGULATIONS.—

"(1) IN GENERAL.—The Secretary shall administer this section in accordance with regulations prescribed by the Secretary for purposes of this section.

"(2) PUBLIC NOTICE AND ADVERTISING.—To the extent practical, as determined by the Secretary, the Secretary shall publicly advertise positions available under this section. In carrying out the preceding sentence, the Secretary shall—

"(A) take into account merit system principles, mission requirements, costs, and organizational benefits of any advertising of positions; and

"(B) advertise such positions in the manner the Secretary determines is most likely to provide diverse and qualified candidates and ensure potential applicants have appropriate information relevant to the positions available.

"(c) DEFINITIONS.—In this section—

"(1) the term 'current post-secondary student' means a person who—

"(A) is currently enrolled in, and in good academic standing at, a full-time program at an institution of higher education;

"(B) is making satisfactory progress toward receipt of a baccalaureate or graduate degree; and

"(C) has completed at least one year of the program;

"(2) the term 'institution of higher education' has the meaning given the term in section 101 of the Higher Education Act of 1965 (20 U.S.C. 1001); and

"(3) the term 'recent graduate', with respect to appointment of a person under this section, means a

person who was awarded a degree by an institution of higher education not more than two years before the date of the appointment of such person, except that in the case of a person who has completed a period of obligated service in a uniformed service of more than four years, such term means a person who was awarded a degree by an institution of higher education not more than four years before the date of the appointment of such person.

''(d) SUNSET.—Effective on September 30, 2025, the authority provided under this section shall expire.''.

(b) CLERICAL AMENDMENT.—The table of sections at the beginning of chapter 99 of such title, as amended by section 1101(b), is further amended by inserting after the item relating to section 9905 the following new item:

''9906. Direct hire authority for the Department of Defense for post-secondary students and recent graduates.''.

(c) REPEAL.—Section 1106 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114–328) is repealed.

SEC. 1103. EXTENSION OF OVERTIME RATE AUTHORITY FOR DEPARTMENT OF THE NAVY EMPLOYEES PERFORMING WORK ABOARD OR DOCKSIDE IN SUPPORT OF THE NUCLEAR-POWERED AIRCRAFT CARRIER FORWARD DEPLOYED IN JAPAN.

Section 5542(a)(6)(B) of title 5, United States Code, is amended by striking "September 30, 2019" and inserting "September 30, 2021".

SEC. 1104. ONE-YEAR EXTENSION AND EXPANSION OF AUTHORITY TO WAIVE ANNUAL LIMITATION ON PREMIUM PAY AND AGGREGATE LIMITATION ON PAY FOR FEDERAL CIVILIAN EMPLOYEES WORKING OVERSEAS.

(a) IN GENERAL.—Section 1101(a) of the Duncan Hunter National Defense Authorization Act for Fiscal Year 2009 (Public Law 110–417; 122 Stat. 4615), as most recently amended by section 1105 of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115–91), is amended by striking "through 2018" and inserting "through 2019".

(b) APPLICABILITY OF AGGREGATE LIMITATION ON PAY.—Section 1101(b) of the Duncan Hunter National Defense Authorization Act for Fiscal Year 2009 (Public Law 110–417; 122 Stat. 4615) is amended to read as follows:

"(b) APPLICABILITY OF AGGREGATE LIMITATION ON PAY.—In applying section 5307 of title 5, United States Code, any payment in addition to basic pay for a period of time during which a waiver under subsection (a) is in effect shall not be counted as part of an employee's aggregate compensation for the given calendar year.".

(c) EFFECTIVE DATE.—This section and the amendments made by this section shall take effect on January 1, 2019.

SEC. 1105. APPOINTMENT OF RETIRED MEMBERS OF THE ARMED FORCES TO POSITIONS IN OR UNDER THE DEPARTMENT OF DEFENSE.

(a) IN GENERAL.—During fiscal years 2018 through 2021, in addition to the authority provided under paragraphs (1) and (2) of subsection (b) of section 3326 of title 5, United States Code, and consistent with the requirements of such section, a retired member of the armed forces may be appointed under such subsection if—

(1) the Department of Defense (including a nonappropriated fund instrumentality under the jurisdiction of the armed forces) has been granted direct hire authority to fill the position;

(2) the appointment is to fill an emergency appointment for which the Secretary concerned or his designee for the purpose determines competitive ap-

pointment is not appropriate or reasonable due to the need to fill the emergency need as quickly as possible; or

(3) the appointment is for a highly qualified expert under section 9903 of such title.

(b) BRIEFING.—Not later than 90 days after the end of each of fiscal years 2018 through 2021, the Secretary of Defense shall provide a briefing to the Committee on Armed Services of the House of Representatives and the Committee on Oversight and Government Reform of the House of Representatives including—

(1) with respect to the waiver process under section 3326(b)(1) of title 5, United States Code—

(A) the number of individuals appointed during the most recently ended fiscal year under such process; and

(B) the Department of Defense's plan on the use of such process during the fiscal year in which the briefing is provided;

(2) the number of individuals—

(A) appointed under the authority provided by subsection (a) during the most recently ended fiscal year; and

(B) expected to be appointed under such subsection during the fiscal year in which the briefing is provided; and

(3) the impact of subsection (a) on the management of the Department civilian workforce during the most recently ended fiscal year.

SEC. 1106. EXTENSION OF AUTHORITY TO CONDUCT TELEWORK TRAVEL EXPENSES TEST PROGRAMS.

(a) IN GENERAL.—Section 5711(g) of title 5, United States Code, is amended by striking "7 years after the date of the enactment of the Telework Enhancement Act of 2010" and inserting "on December 31, 2020".

(b) EFFECTIVE DATE.—The amendment made by subsection (a) shall take effect as though enacted on December 1, 2017.

SEC. 1107. PERSONNEL DEMONSTRATION PROJECTS.

Section 4703 of title 5, United States Code, is amended—

(1) in subsection (d), by striking paragraph (2) and inserting the following:

"(2)(A) Except as provided in subparagraph (B), not more than 10 active demonstration projects may be in effect at any time.

"(B) Any demonstration project authorized under this section that is active for a period greater than 10 years shall not count for purposes of applying the limitation in subparagraph (A)."; and

(2) by adding at the end the following:

"(j) Each agency at which a demonstration project is ongoing shall submit an annual report to the Office of Personnel Management, the Office and Management and Budget, the Committee on Homeland Security and Governmental Affairs of the United States Senate, and the Committee on Oversight and Government Reform of the United States House of Representatives that includes—

"(1) the aggregate performance appraisal ratings and compensation costs for employees under a demonstration project;

"(2) an assessment of the results of the demonstration project, including its impact on mission goals, employee recruitment, retention, and satisfaction, and which may include the results of the survey authorized under section 1128 of the National Defense Authorization Act for Fiscal Year 2004 (Public Law 108–136; 5 U.S.C. 7101 note), commonly referred to as the Federal Employee Viewpoint Survey, and performance management for employees; and

"(3) a comparison of the items listed in (1) and (2) with employees not covered by the demonstration project.".

SEC. 1108. EXPANDED FLEXIBILITY IN SELECTING CANDIDATES FROM REFERRAL LISTS.

(a) EXPANDED FLEXIBILITY.—Subchapter I of chapter 33 of title 5, United States Code, is amended by striking sections 3317 and 3318 and inserting the following:

"§ 3317. Competitive service; certification using numerical ratings

"(a) CERTIFICATION.—

"(1) IN GENERAL.—The Director of the Office of Personnel Management, or the head of an agency to which the Director has delegated examining authority under section 1104(a)(2), shall certify a sufficient number of names from the top of the appropriate register or list of eligibles, as determined pursuant to regulations prescribed under subsection (c), and provide a certificate with such names to an appointing authority that has requested a certificate of eligibles to consider when filling a job in the competitive service.

"(2) MINIMUM NUMBER OF NAMES CERTIFIED.—Unless otherwise provided for in regulations prescribed under subsection (c), the number of names cer-

tified under paragraph (1) shall be not less than three.

"(b) DISCONTINUANCE OF CERTIFICATION.—When an appointing authority, for reasons considered sufficient by the Director or head of an agency, has three times considered and passed over a preference eligible who was certified from a register, the Director or head of any agency may discontinue certifying the preference eligible for appointment. The Director or the head of an agency shall provide to such preference eligible notice of the intent to discontinue certifying such preference eligible prior to the discontinuance of certification.

"(c) REGULATIONS.—The Director shall prescribe regulations for the administration of this section. Such regulations shall include the establishment of mechanisms for identifying the eligibles who will be considered for each vacancy. Such mechanisms may include cut-off scores.

"(d) DEFINITION.—In this section, the term 'Director' means the Director of the Office of Personnel Management.

"§ 3318. Competitive service; selections using numerical ratings

"(a) IN GENERAL.—An appointing authority shall select for appointment from the eligibles certified for appointment on a certificate furnished under section 3317(a), unless objection to one or more of the individuals certified is

made to, and sustained by, the Director of the Office of Personnel Management or the head of an agency to which the Director has delegated examining authority under section 1104(a)(2), for proper and adequate reason under regulations prescribed by the Director.

"(b) OTHER APPOINTING AUTHORITIES.—

"(1) IN GENERAL.—During the 240-day period beginning on the date of issuance of a certificate of eligibles under section 3317(a), an appointing authority other than the appointing authority requesting the certificate (in this subsection referred to as the 'other appointing authority') may select an individual from that certificate in accordance with this subsection for an appointment to a position that is—

"(A) in the same occupational series as the position for which the certification of eligibles was issued (in this subsection referred to as the 'original position'); and

"(B) at a similar grade level as the original position.

"(2) APPLICABILITY.—An appointing authority requesting a certificate of eligibles may share the certificate with another appointing authority only if the announcement of the original position provided notice

that the resulting list of eligible candidates may be used by another appointing authority.

"(3) REQUIREMENTS.—The selection of an individual under paragraph (1)—

"(A) shall be made in accordance with subsection (a); and

"(B) subject to paragraph (4), may be made without any additional posting under section 3327.

"(4) INTERNAL NOTICE.—Before selecting an individual under paragraph (1), the other appointing authority shall—

"(A) provide notice of the available position to employees of the other appointing authority;

"(B) provide up to 10 business days for employees of the other appointing authority to apply for the position; and

"(C) review the qualifications of employees submitting an application.

"(c) PASS OVER.—

"(1) IN GENERAL.—Subject to subparagraph (2), if an appointing authority proposes to pass over a preference eligible certified for appointment under subsection (a) and select an individual who is not a preference eligible, the appointing authority shall file

written reasons with the Director or the head of the agency for passing over the preference eligible. The Director or the head of the agency shall make the reasons presented by the appointing authority part of the record of the preference eligible and may require the submission of more detailed information from the appointing authority in support of the passing over of the preference eligible. The Director or the head of the agency shall determine the sufficiency or insufficiency of the reasons submitted by the appointing authority, taking into account any response received from the preference eligible under paragraph (2). When the Director or the head of the agency has completed review of the proposed pass-over of the preference eligible, the Director or the head of the agency shall send its findings to the appointing authority and to the preference eligible. The appointing authority shall comply with the findings.

"(2) PREFERENCE ELIGIBLE INDIVIDUALS WHO HAVE A COMPENSABLE SERVICE-CONNECTED DISABILITY.—In the case of a preference eligible described in section 2108(3)(C) who has a compensable service-connected disability of 30 percent or more, the appointing authority shall notify the Director under paragraph (1) and, at the same time, notify the pref-

erence eligible of the proposed pass-over, of the reasons for the proposed pass-over, and of the individual's right to respond to those reasons to the Director within 15 days of the date of the notification. The Director shall, before completing the review under paragraph (1), require a demonstration by the appointing authority that the notification was timely sent to the preference eligible's last known address.

"(3) FURTHER CONSIDERATION NOT REQUIRED.—When a preference eligible, for reasons considered sufficient by the Director, or in the case of a preference eligible described in paragraph (1), by the head of an agency, has been passed over in accordance with this subsection for the same position, the appointing authority is not required to give further consideration to that preference eligible while selecting from the same list for a subsequent appointment to such position.

"(4) DELEGATION PROHIBITION.—In the case of a preference eligible described in paragraph (2), the functions of the Director under this subsection may not be delegated to an individual who is not an officer or employee of the Office of Personnel Management.

"(d) SPECIAL RULE REGARDING REEMPLOYMENT LISTS.—When the names of preference eligibles are on a reemployment list appropriate for the position to be filled, an appointing authority may appoint from a register of eligibles established after examination only an individual who qualifies as a preference eligible under subparagraph (C), (D), (E), (F), or (G) of section 2108(3).

"(e) CONSIDERATION NOT REQUIRED.—In accordance with regulations prescribed by the Director, an appointing officer is not required to consider an eligible who has been considered by the appointing officer for three separate appointments from the same or different certificates for the same position.

"(f) REGULATIONS.—The Director shall prescribe regulations for the administration of this section.

"(d) DEFINITION.—In this section, the term 'Director' means the Director of the Office of Personnel Management.".

(b) CONFORMING AMENDMENTS.—Such subchapter is further amended—

(1) in section 3319—

(A) by amending the section heading to read as follows:

"§ 3319. Competitive service; selection using category rating"*; and*

(B) in subsection (c), by striking paragraph (6), redesignating paragraph (7) as paragraph (6), and amending paragraph (6) (as so redesignated) to read as follows:

"(6) PREFERENCE ELIGIBLES.—

"(A) SATISFACTION OF CERTAIN REQUIREMENTS.—Notwithstanding paragraphs (1) and (2), an appointing official may not pass over a preference eligible in the same category from which selection is made, unless the requirements of sections 3317(b) and 3318(c), as applicable, are satisfied.

"(B) FURTHER CONSIDERATION NOT REQUIRED.—When a preference eligible, for reasons considered sufficient by the Director, or in the case of a preference eligible described in section 3318(c)(1), by the head of an agency, has been passed over in accordance with section 3318(c) for the same position, the appointing authority is not required to give further consideration to that preference eligible while selecting from the same list for a subsequent appointment to such position.

"(C) LIST OF ELIGIBLES ISSUED FROM A STANDING REGISTER; DISCONTINUATION OF CERTIFICATION.—In the case of lists of eligibles issued from a standing register, when an appointing authority, for reasons considered sufficient by the Director or the head of an agency, has three times considered and passed over a preference eligible who was certified from a register, certification of the preference eligible for appointment may be discontinued. However, the preference eligible is entitled to advance notice of discontinuance of certification in accordance with regulations prescribed by the Director."; and

(2) in the first sentence of section 3320, by striking "sections 3308–3318" and inserting "sections 3308 through 3319".

(c) CLERICAL AMENDMENT.—The table of sections at the beginning of such chapter is amended by striking the items relating to sections 3317, 3318, and 3319 and inserting the following:

"3317. Competitive service; certification using numerical ratings
"3318. Competitive service; selection using numerical ratings
"3319. Competitive service; selection using category rating".

(d) EFFECTIVE DATE.—

(1) IN GENERAL.—The amendments made by this section shall take effect on the date on which the

Director of the Office of Personnel Management issues final regulations to implement sections 3317, 3318, and 3319 of title 5, United States Code, as amended or added by this section.

(2) REGULATIONS REQUIRED.—The Director shall issue regulations under paragraph (1) not later than one year after the date of enactment of this section.

SEC. 1109. TEMPORARY AND TERM APPOINTMENTS IN THE COMPETITIVE SERVICE.

(a) TEMPORARY AND TERM APPOINTMENTS.—Subchapter I of chapter 31 of title 5, United States Code, is amended by adding at the end the following:

"§ 3115. Temporary and term appointments

"(a) DEFINITIONS.—In this section:

"(1) DIRECTOR.—The term 'Director' means the Director of the Office of Personnel Management.

"(2) TEMPORARY APPOINTMENT.—The term 'temporary appointment' means an appointment in the competitive service for a period of not more than 1 year.

"(3) TERM APPOINTMENT.—The term 'term appointment' means an appointment in the competitive service for a period of more than 1 year and not more than 5 years.

"(b) APPOINTMENT.—

"(1) IN GENERAL.—The head of an Executive agency may make a temporary appointment or term appointment to a position in the competitive service when the need for the services of the employee services is not permanent.

"(2) EXTENSION.—Under conditions prescribed by the Director, the head of an Executive agency may—

"(A) extend a temporary appointment made under paragraph (1) in increments of not more than 1 year, up to a maximum of 3 total years of service; and

"(B) extend a term appointment made under paragraph (1) in increments determined appropriate by the head of the Executive agency, up to a maximum of 6 total years of service.

"(c) APPOINTMENTS FOR CRITICAL HIRING NEEDS.—Under conditions prescribed by the Director, the head of an Executive agency may make a noncompetitive temporary appointment, or a noncompetitive term appointment for a period of not more than 18 months, to a position in the competitive service for which a critical hiring need exists, without regard to the requirements of sections 3327

and 3330. An appointment made under this subsection may not be extended.

"(d) REGULATIONS.—The Director may prescribe regulations to carry out this section, but is not required to promulgate regulations prior to implementation of this section.

"(e) SPECIAL PROVISION REGARDING THE DEPARTMENT OF DEFENSE.—Nothing in this section shall preclude the Secretary of Defense from making temporary and term appointments in the competitive service pursuant to section 1105 of the National Defense Authorization Act for Fiscal Year 2017 (10 U.S.C. note prec. 1580; Public Law 114–328; 130 Stat. 2447), and any regulations prescribed by the Director for the administration of this section shall not apply to the Secretary of Defense in the exercise of the authorities granted under such section 1105.".

(b) CLERICAL AMENDMENT.—The table of sections for chapter 31 of title 5, United States Code, is amended by inserting after the item relating to section 3114 the following: .

"3115. Temporary and term appointments".

TITLE XII—MATTERS RELATING TO FOREIGN NATIONS

Subtitle A—Assistance and Training

SEC. 1201. REPORT ON THE USE OF SECURITY COOPERATION AUTHORITIES.

(a) SENSE OF CONGRESS.—It is the sense of Congress that the Secretary of Defense should utilize appropriate security cooperation authorities to counter malign influence campaigns that are directed at allied and partner countries and that pose a significant threat to the national security of the United States.

(b) REPORT ON FUNDING.—The Secretary of Defense shall include with the consolidated budget materials submitted to Congress as required by section 381 of title 10, United States Code, for fiscal year 2020, and for each subsequent fiscal year through fiscal year 2025, a report on the use of security cooperation funding to counter the malign influence directed at allied and partner countries and that pose a significant threat to the national security of the United States.

SEC. 1202. CLARIFICATION OF AUTHORITY TO WAIVE CERTAIN EXPENSES FOR ACTIVITIES OF THE REGIONAL CENTERS FOR SECURITY STUDIES.

Section 342 of title 10, United States Code, is amended—

(1) in subsection (f)(3)—

(A) in subparagraph (A) in the first sentence, by inserting ", including travel, transportation, and subsistence expenses," after "activities of the Regional Centers"; and

(B) in subparagraph (B)(i), by inserting ", including travel, transportation, and subsistence expenses," after "activities of the Regional Centers";

(2) in subsection (h)(3)(A), by inserting ", including travel, transportation, and subsistence expenses," after "Marshall Center"; and

(3) in subsection (i)(1), by inserting ", including travel, transportation, and subsistence expenses," after "Daniel K. Inouye Center for Security Studies".

SEC. 1203. NATO STRATEGIC COMMUNICATIONS CENTER OF EXCELLENCE.

(a) AUTHORIZATION.—The Secretary of Defense shall provide funds for the NATO Strategic Communications Center of Excellence (in this section referred to as the "Center") to—

(1) enhance the ability of military forces and civilian personnel of the countries participating in the Center to engage in joint strategic communications exercises or coalition or international military operations; and

(2) improve interoperability between the armed forces and the military forces of friendly foreign nations in the areas of strategic communications.

(b) CERTIFICATION.—Not later than 180 days after the date of the enactment of this Act, the Secretary of Defense shall certify to the Committees on Armed Services of the House of Representatives and the Senate that the Secretary has assigned executive agent responsibility for the Center to an appropriate organization within the Department of Defense, and detail the steps being undertaken to strengthen the role of the Center in fostering strategic communications and information operations within NATO.

(c) BRIEFING REQUIREMENT.—The Secretary of Defense shall periodically brief the Committee on Armed Services and the Committee on Foreign Relations of the Senate and the Committee on Armed Services and the Committee on Foreign Affairs of the House of Representatives on the efforts of the Department of Defense to strengthen the role of the Center in fostering strategic communications and information operations within NATO.

SEC. 1204. NATO COOPERATIVE CYBER DEFENSE CENTER OF EXCELLENCE.

(a) AUTHORIZATION.—The Secretary of Defense shall provide funds for the NATO Cooperative Cyber Defense Center of Excellence (in this section referred to as the "Center") to—

(1) enhance the ability of military forces and civilian personnel of the countries participating in the Center to engage in joint cyber exercises or coalition or international military operations; and

(2) improve interoperability between the armed forces and the military forces of friendly foreign countries in the areas of cyber and cybersecurity.

(b) CERTIFICATION.—Not later than 180 days after the date of the enactment of this Act, the Secretary of Defense shall certify to the Committees on Armed Services of the House of Representatives and the Senate that the Secretary has assigned executive agent responsibilities for the Center to an appropriate organization within the Department of Defense, and detail the steps being undertaken to strengthen the role of the Center in fostering cyber defense and cyber warfare capabilities within NATO.

(c) BRIEFING REQUIREMENT.—The Secretary of Defense shall periodically brief the Committee on Armed Services and the Committee on Foreign Relations of the Senate and the Committee on Armed Services and the Committee

on Foreign Affairs of the House of Representatives on the efforts of the Department of Defense to strengthen the role of the Center in fostering cyber defense and cyber warfare capabilities within NATO.

SEC. 1205. PARTICIPATION IN AND SUPPORT OF THE INTER-AMERICAN DEFENSE COLLEGE.

(a) IN GENERAL.—Subchapter V of chapter 16 of title 10, United States Code, is amended by adding at the end the following new section:

"§ 351. Inter-American Defense College

"(a) AUTHORITY TO SUPPORT.—The Secretary of Defense may authorize members of the armed forces and civilian personnel of the Department of Defense to participate in the operation of and the provision of support to the Inter-American Defense College and provide logistic support, supplies, and services to the Inter-American Defense College, including the use of Department of Defense facilities and equipment, as the Secretary considers necessary to—

"(1) assist the Inter-American Defense College in its mission to develop and offer to military officers and civilian officials from member states of the Organization of American States advanced academic courses on matters related to military and defense issues, the inter-American system, and related disciplines; and

"(2) ensure that the Inter-American Defense College provides an academic program of a level of quality, rigor, and credibility that is commensurate with the standards of Department of Defense senior service colleges and that includes the promotion of security cooperation, human rights, humanitarian assistance and disaster response, peacekeeping, and democracy in the Western Hemisphere.

"(b) MEMORANDUM OF UNDERSTANDING.—(1) The Secretary of Defense, with the concurrence of the Secretary of State, shall enter into a memorandum of understanding with the Inter-American Defense Board for the participation of members of the armed forces and civilian personnel of the Department of Defense in the operation of and provision of host nation support to the Inter-American Defense College under subsection (a).

"(2) If Department of Defense facilities, equipment, or funds will be used to support the Inter-American Defense College under subsection (a), a memorandum of understanding entered into under paragraph (1) shall include a description of any cost-sharing arrangement or other funding arrangement relating to the use of such facilities, equipment, or funds.

"(3) A memorandum of understanding entered into under paragraph (1) shall also include a curriculum and a plan for academic program development.

"(c) USE OF FUNDS.—(1) Funds appropriated to the Department of Defense for operation and maintenance may be used to pay costs that the Secretary determines are necessary for the participation of members of the armed forces and civilian personnel of the Department of Defense in the operation of and provision of host nation support to the Inter-American Defense College, including—

"(A) the costs of expenses of such participants;

"(B) the cost of hiring and retaining qualified professors, instructors, and lecturers;

"(C) curriculum support costs, including administrative costs, academic outreach, and curriculum support personnel;

"(D) the cost of translation and interpretation services;

"(E) the cost of information and educational technology;

"(F) the cost of utilities; and

"(G) the cost of maintenance and repair of facilities.

"(2) No funds may be used under this section to provide for the pay of members of the armed forces or civilian personnel of the Department of Defense who participate in the operation of and the provision of host nation support to the Inter-American Defense College under this section.

"(3) Funds available to carry out this section for a fiscal year may be used for activities that begin in such fiscal year and end in the next fiscal year.

"(d) WAIVER OF REIMBURSEMENT.—The Secretary of Defense may waive reimbursement for developing countries (as such term is defined in section 301 of this title) of the costs of funding and other host nation support provided to the Inter-American Defense College under this section if the Secretary determines that the provision of such funding or support without reimbursement is in the national security interest of the United States.

"(e) LOGISTIC SUPPORT, SUPPLIES, AND SERVICES DEFINED.—In this section, the term 'logistic support, supplies, and services' has the meaning given that term in section 2350 of this title.".

(b) CLERICAL AMENDMENT.—The table of sections at the beginning of subchapter V of chapter 16 of such title is amended by adding at the end the following new item:

"Sec. 351. Inter-American Defense College.".

SEC. 1206. INCREASE IN COST LIMITATION FOR SMALL SCALE CONSTRUCTION RELATED TO SECURITY COOPERATION.

Section 301(8) of title 10, United States Code, is amended by striking "$750,000" and inserting "$2,000,000".

SEC. 1207. REPORT ON SECURITY COOPERATION WITH HAITI.

Not later than 90 days after the date of the enactment of this Act, and every 180 days thereafter for 3 years, the Secretary of Defense, with the concurrence of the Secretary of State, shall submit to the appropriate committees of Congress (as such term is defined in section 301 of title 10, United States Code) a report on cooperation between the Department of Defense and the Government of Haiti.

SEC. 1208. REVIEW AND REPORT ON PROCESSES AND PROCEDURES USED TO CARRY OUT SECTION 362 OF TITLE 10, UNITED STATES CODE.

(a) REVIEW.—The Secretary of Defense, with the concurrence of the Secretary of State, shall conduct a review of the processes and procedures used to carry out section 362 of title 10, United States Code.

(b) REPORT.—

(1) IN GENERAL.—Not later than 180 days after the date of the enactment of this Act, the Secretary of Defense, with the concurrence of the Secretary of

State, shall submit to the appropriate congressional committees a report that contains a summary and evaluation of the review required by subsection (a).

(2) MATTERS TO BE INCLUDED.—The report required by this subsection shall include the following:

(A) A description of the procedures used to obtain and verify information regarding the vetting of partner units for gross violation of human rights required under section 362 of title 10, United States Code.

(B) A description of the procedures required under subsection (d) of such section 362.

(C) A description of the procedures used to conduct remediation of units for determined or alleged of gross violation of human rights.

(D) A list of units completing the process of remediation for gross violation of human rights as described in subparagraph (C).

(E) A summary of reports submitted to Congress as required under subsection (e) of such section 362.

(F) An analysis of the impact of such section 362 to achieving the objectives of the National Defense Strategy.

(G) A description of the processes and procedures used to implement section 1206 of the Carl Levin and Howard P. "Buck" McKeon National Defense Authorization Act for Fiscal Year 2015 (Public Law 113–291; 128 Stat. 3538), to include the process of obtaining the concurrence of the Secretary of State, as required under subsection (c)(1) of such section.

(H) Recommendations to revise authorities to improve the processes and procedures related to the vetting of foreign partner units for gross violations of human rights.

(I) Any other matters the Secretary considers appropriate.

(3) FORM.—The report required by this subsection shall be submitted in unclassified form but may include a classified annex.

(4) DEFINITION.—In this subsection, the term "appropriate congressional committees" means—

(A) the congressional defense committees; and

(B) the Committee on Foreign Relations of the Senate and the Committee on Foreign Affairs of the House of Representatives.

(c) AMENDMENTS TO EXISTING LAW.—(1) Paragraph (1) of section 362(a) of title 10, United States Code, is amended in paragraph (1), by striking "none may be used for any training, equipment, or other assistance" and inserting "none may be used for any training, defense articles, or defense services".

(2) Subsection (b)(3) of section 1206 of the Carl Levin and Howard P. "Buck" McKeon National Defense Authorization Act for Fiscal Year 2015 (Public Law 113–291; 10 U.S.C. 2282 note) is amended by striking "subsection (b) of section 2249e of title 10, United States Code (as added by section 1204(a) of this Act)" and inserting "subsection (b) of section 362 of title 10, United States Code".

Subtitle B—Matters Relating to Afghanistan and Pakistan

SEC. 1211. EXTENSION OF AUTHORITY TO TRANSFER DEFENSE ARTICLES AND PROVIDE DEFENSE SERVICES TO THE MILITARY AND SECURITY FORCES OF AFGHANISTAN.

(a) EXTENSION OF EXPIRATION.—Subsection (h) of section 1222 of the National Defense Authorization Act for Fiscal Year 2013 (Public Law 112–239; 126 Stat. 1992), as most recently amended by section 1211 of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115–91; 131 Stat. 1648), is further amended by strik-

ing "December 31, 2018" and inserting "December 31, 2020".

(b) EXCESS DEFENSE ARTICLES.—Subsection (i)(2) of such section 1222, as so amended, is further amended by striking "December 31, 2018," each place it appears and inserting "December 31, 2020".

SEC. 1212. EXTENSION OF AUTHORITY FOR REIMBURSEMENT OF CERTAIN COALITION NATIONS FOR SUPPORT PROVIDED TO UNITED STATES MILITARY OPERATIONS.

(a) EXTENSION OF AUTHORITY.—Subsection (a) of section 1233 of the National Defense Authorization Act for Fiscal Year 2008 (Public Law 110–181; 122 Stat. 393), as most recently amended by section 1212 of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115–91; 131 Stat. 1648), is further amended by striking "the period beginning on October 1, 2017, and ending on December 31, 2018" and inserting "the period beginning on October 1, 2018, and ending on December 31, 2019".

(b) EXTENSION OF LIMITATIONS.—Subsection (d)(1) of such section 1233, as so amended, is further amended—

(1) in the first sentence, by striking "the period beginning on October 1, 2017, and ending on December 31, 2018" and inserting "the period beginning on

October 1, 2018, and ending on December 31, 2019"; and

(2) in the second sentence, by striking "to Pakistan during" and all that follows through "December 31, 2018" and inserting "to Pakistan during the period beginning on October 1, 2018, and ending on December 31, 2019".

(c) EXTENSION OF ADDITIONAL LIMITATIONS WITH RESPECT TO PAKISTAN.—

(1) EXTENSION OF NOTICE REQUIREMENT RELATING TO REIMBURSEMENT OF PAKISTAN FOR SUPPORT PROVIDED BY PAKISTAN.—Section 1232(b)(6) of the National Defense Authorization Act for Fiscal Year 2008 (122 Stat. 393), as most recently amended by section 1212(d) of the National Defense Authorization Act for Fiscal Year 2018, is further amended by striking "December 31, 2018" and inserting "December 31, 2019".

(2) EXTENSION OF LIMITATION ON REIMBURSEMENT OF PAKISTAN PENDING CERTIFICATION ON PAKISTAN.—Section 1227(d)(1) of the National Defense Authorization Act for Fiscal Year 2013 (Public Law 112–239; 126 Stat. 2001), as most recently amended by section 1212(e) of the National Defense Authorization Act for Fiscal Year 2018, is further amended by

striking "for any period prior to December 31, 2018" and inserting "for any period prior to December 31, 2019".

(3) ADDITIONAL LIMITATION ON REIMBURSEMENT OF PAKISTAN PENDING CERTIFICATION ON PAKISTAN.—Of the total amount of reimbursements and support authorized for Pakistan during fiscal year 2019 pursuant to the second sentence of section 1233(d)(1) of the National Defense Authorization Act for Fiscal Year 2008 (as amended by subsection (b)(2)), $350,000,000 shall not be eligible for the waiver under section 1227(d)(2) of the National Defense Authorization Act for Fiscal Year 2013 (126 Stat. 2001) unless the Secretary of Defense certifies to the congressional defense committees that—

(A) Pakistan continues to conduct military operations that are contributing to significantly disrupting the safe havens, fundraising and recruiting efforts, and freedom of movement of the Haqqani Network in Pakistan;

(B) Pakistan has taken steps to demonstrate its commitment to prevent the Haqqani Network from using any Pakistan territory as a safe haven and for fundraising and recruiting efforts;

(C) the Government of Pakistan is making an attempt to actively coordinate with the Government of Afghanistan to restrict the movement of militants, such as the Haqqani Network, along the Afghanistan-Pakistan border; and

(D) Pakistan has shown progress in arresting and prosecuting senior leaders and mid-level operatives of the Haqqani Network.

SEC. 1213. EXTENSION AND MODIFICATION OF COMMANDERS' EMERGENCY RESPONSE PROGRAM.

(a) EXTENSION.—Section 1201 of the National Defense Authorization Act for Fiscal Year 2012 (Public Law 112–81; 125 Stat. 1619), as most recently amended by section 1211 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114–328; 130 Stat. 2477), is further amended—

(1) in subsection (a), by striking "December 31, 2018" and inserting "December 31, 2020";

(2) in subsection (b), by striking "fiscal year 2017 and fiscal year 2018" and inserting "fiscal years 2017 through 2020"; and

(3) in subsection (f), by striking "December 31, 2018" and inserting "December 31, 2020".

(b) MODIFICATION.—Subsection (b) of section 1211 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114–328; 130 Stat. 2477) is amended—

(1) in the heading, by striking "AND SYRIA" and inserting "SYRIA, SOMALIA, LIBYA, AND YEMEN"; and

(2) in paragraph (1), by striking "or Syria" and inserting "Syria, Somalia, Libya, or Yemen".

SEC. 1214. REPORT ON ASSISTANCE TO PAKISTAN.

Not later than 90 days after the date of the enactment of this Act, the Secretary of Defense shall submit to the congressional defense committees an unclassified report, which may include a classified annex, describing the manner in which the Department of Defense provides assistance to the Government of Pakistan.

Subtitle C—Matters Relating to Syria, Iraq, and Iran

SEC. 1221. EXTENSION AND MODIFICATION OF AUTHORITY TO PROVIDE ASSISTANCE TO COUNTER THE ISLAMIC STATE OF IRAQ AND SYRIA.

(a) AUTHORITY.—Subsection (a) of section 1236 of the Carl Levin and Howard P. "Buck" McKeon National Defense Authorization Act for Fiscal Year 2015 (Public Law 113–291; 128 Stat. 3559), as most recently amended by section 1222 of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115–91; 131 Stat. 1690), is fur-

ther amended by striking "December 31, 2019" and inserting "December 31, 2020".

(b) FUNDING.—Subsection (g) of such section, as so amended, is further amended—

(1) by striking "fiscal year 2018" and inserting "fiscal year 2019"; and

(2) by striking "$1,269,000,000" and inserting "$850,000,000".

SEC. 1222. EXTENSION OF AUTHORITY TO PROVIDE ASSISTANCE TO THE VETTED SYRIAN OPPOSITION.

(a) IN GENERAL.—Subsection (a) of section 1209 of the Carl Levin and Howard P. "Buck" McKeon National Defense Authorization Act for Fiscal Year 2015 (Public Law 113–291; 128 Stat. 3541), as most recently amended by section 1223 of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115–91; 131 Stat. 1653), is further amended by striking "December 31, 2018" and inserting "December 31, 2019".

(b) REPROGRAMMING REQUIREMENT.—

(1) IN GENERAL.—Subsection (f) of such section 1209, as most recently amended by section 1221 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114–328; 130 Stat. 2485), is further amended by striking "December 31, 2018" and inserting "December 31, 2019".

(2) LIMITATION ON THE USE OF FUNDS.—Beginning on the date of the enactment of this section, no funds may be requested to be reprogrammed pursuant to such subsection (f), as amended by paragraph (1), until the date that is 30 days after the date on which the President submits to the congressional defense committees a plan that includes the following:

(A) A description of the efforts the United States will undertake to train and build appropriately vetted Syrian opposition forces.

(B) An assessment of the nature of the forces receiving such assistance, including the origins and affiliations of such forces and any previous history of collaboration with the Syrian Democratic Forces.

(C) An assessment of the current operational effectiveness of such forces.

(D) The conditions to be met for a determination that ISIS has been adequately neutralized.

(E) A description of the roles and contributions of partner countries to such assistance, if any.

(F) The concept of operations, timelines, and types of training, equipment, stipends,

sustainment, and supplies to be provided by the United States, including measures for end-use accountability with respect to resources, equipment, and supplies after the resources, equipment, and supplies are provided to such forces.

(G) A description of the force posture and roles of the United States Armed Forces involved in providing such assistance.

(3) FORM.—The plan described in paragraph (2) shall be submitted in unclassified form but may include a classified annex.

SEC. 1223. EXTENSION AND MODIFICATION OF AUTHORITY TO SUPPORT OPERATIONS AND ACTIVITIES OF THE OFFICE OF SECURITY COOPERATION IN IRAQ.

(a) EXTENSION OF AUTHORITY.—Subsection (f)(1) of section 1215 of the National Defense Authorization Act for Fiscal Year 2012 (Public Law 112–81; 125 Stat. 1631; 10 U.S.C. 113 note), as most recently amended by section 1224 of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115–91; 131 Stat. 1654), is further amended by striking "fiscal year 2018" and inserting "fiscal year 2019".

(b) LIMITATION ON AMOUNT.—Subsection (c) of such section is amended—

(1) by striking "fiscal year 2018" and inserting "fiscal year 2019" ; and

(2) by striking "$42,000,000" and inserting "$45,000,000".

(c) SOURCE OF FUNDS.—Subsection (d) of such section is amended by striking "fiscal year 2018" and inserting "fiscal year 2019".

SEC. 1224. SENSE OF CONGRESS ON BALLISTIC MISSILE CO-OPERATION TO COUNTER IRAN.

(a) FINDINGS.—Congress finds the following:

(1) At the 2014 Strategic Cooperation Forum in New York of the Gulf Cooperation Council, the Foreign Ministers of member countries agreed in a Joint Communique to "[e]nhance GCC-US security coordination, particularly on Ballistic Missile Defense, by continuing to move forward on development of a Gulf-Wide, interoperable missile defense architecture.".

(2) At the 2015 Strategic Cooperation Forum in New York, the Foreign Ministers issued a Joint Communique that "reaffirmed commitment to. . .establishing a GCC interoperable ballistic missile defense architecture".

(3) The White House Office of the Press Secretary released a statement on May 14, 2015, that at the 2015 United States—GCC Summit at Camp

David, "leaders discussed a new U.S.-GCC strategic partnership to enhance their work to improve security cooperation on. . . ballistic missile defense".

(4) The White House Office of the Press Secretary subsequently released a statement on April 21, 2016, that at the 2016 United States—GCC Summit at Riyadh, "leaders affirmed need to remain vigilant about addressing Iran's destabilizing actions in the region, including its ballistic missile program".

(b) SENSE OF CONGRESS.—It is the sense of Congress that—

(1) member countries of the Gulf Cooperation Council should take meaningful steps to develop and implement an interoperable ballistic missile defense architecture to defend against Iran's ballistic missile threat that emphasizes information sharing and includes early warning and tracking data, to enhance the security of citizens, protect critical infrastructure, and deter Iran; and

(2) the United States should continue bilateral and multilateral missile defense exercises in the region and, when practicable, increase the capacity of United States partners through foreign military sales.

SEC. 1225. STRATEGY TO COUNTER DESTABILIZING ACTIVITIES OF IRAN.

(a) STRATEGY AUTHORIZED.—

(1) IN GENERAL.—The Secretary of Defense, with the concurrence of the Secretary of State, is authorized to develop and implement a strategy with foreign partners to counter the destabilizing activities of Iran.

(2) ELEMENTS.—The strategy described in paragraph (1)—

(A) should establish a cooperative framework that includes—

(i) investing in intelligence, surveillance, and reconnaissance platforms;

(ii) investing in mine countermeasures resources and platforms;

(iii) investing in integrated air and missile defense platforms and technologies;

(iv) sharing intelligence and data with United States and such foreign countries;

(v) investing in cyber security and cyber defense capabilities;

(vi) engaging in combined planning; and

(vii) engaging in defense education, institution building, doctrinal development, and reform; and

(B) should provide for designation of a civilian or military officer or employee of the Department of Defense and designation of a senior employee of the Department of State to implement the cooperative framework described in subparagraph (A).

(b) MULTILATERAL COORDINATION.—To enhance cooperation and encourage military-to-military engagement between the United States and foreign partners described in subsection (a), the Secretary of Defense and the Secretary of State should take appropriate actions to ensure that exchanges between senior military officers and senior civilian defense officials of the governments of such foreign partners—

(1) are at a level appropriate to enhance engagement between the militaries of such partners for threat analysis, military doctrine, force planning, mutual security interests, logistical support, and intelligence cooperation;

(2) enhance security cooperation, including maritime security, special operations collaboration, cyber cooperation, and integrated air and missile defense

and domain awareness, in the Middle East and Southwest Asia regions; and

(3) accelerate the development of combined military planning for missions to counter Iran that may arise within the contours of shared national security interests.

(c) REPORT.—Not later than 180 days after the date of the enactment of this Act, and annually thereafter through December 31, 2021, the Secretary of Defense, in consultation with the Secretary of State, should submit to the congressional defense committees and the Committee on Foreign Relations of the Senate and the Committee on Foreign Affairs of the House of Representatives a report on—

(1) the strategy described in subsection (a), including a description of contributions of foreign partners to the strategy; and

(2) the actions taken under subsection (b).

SEC. 1226. REPORT ON COMPLIANCE OF IRAN UNDER THE CHEMICAL WEAPONS CONVENTION.

(a) FINDING.—In the annual report submitted to Congress in March 2018, consistent with condition (10)(C) of the Resolution of Advice and Consent to Ratification of the Convention on the Prohibition of the Development, Production, Stockpiling and Use of Chemical Weapons and on their Destruction (''Chemical Weapons Convention''), en-

tered into force on April 29, 1997, the Secretary of State concluded that "(b)ased on available information, the United States cannot certify Iran has met its obligations under the Convention for declaration of: (1) its chemical weapons production facility (CWPF); (2) transfer of chemical weapons (CW); and (3) retention of an undeclared CW stockpile".

(b) REPORT REQUIRED.—Not later than February 1, 2019, the Secretary of Defense and the Secretary of State shall submit to the appropriate congressional committees a report assessing the extent to which Iran is complying with its obligations under the Chemical Weapons Convention that includes the following:

(1) A description, assessment, and verification, to the extent practicable, of any credible information that Iran has assisted the Government of Syria in committing actions that violate such treaty.

(2) A description of any dual-use technologies that could advance Iran's capability to produce chemical weapons for offensive use.

(3) The implications of any activities or technologies described pursuant to paragraphs (1) and (2) for Iran's compliance with other international obligations relating to nonproliferation.

(4) Any other matters the Secretaries determines to be relevant.

(c) FORM.—The report required under subsection (b) shall be submitted in unclassified form but may include a classified annex.

(d) APPROPRIATE CONGRESSIONAL COMMITTEES.—In this section, the term "appropriate congressional committees" means the Committee on Armed Services and the Committee on Foreign Affairs of the House of Representatives.

SEC. 1227. REPORT ON POTENTIAL RELEASE OF CHEMICAL WEAPONS OR CHEMICAL WEAPONS PRECURSORS FROM BARZEH RESEARCH AND DEVELOPMENT CENTER AND HIM SHINSHAR CHEMICAL WEAPONS STORAGE AND BUNKER FACILITIES IN HOMS PROVINCE OF SYRIA.

(a) IN GENERAL.—Not later than 30 days after the date of the enactment of this Act, the Secretary of Defense shall submit to the congressional defense committees a report that contains a review and analysis of the potential for release of chemical weapons or chemical weapons precursors from the Barzeh Research and Development Center and the Him Shinshar chemical weapons storage and bunker facilities in Homs province of Syria that were targets of strikes by the United States and partner forces on April 13, 2018.

(b) REQUIREMENTS RELATING TO REVIEW AND ANALYSIS.—The review and analysis described in subsection (a) shall include the following:

(1) The methodology the Secretary of Defense used prior to such strikes to determine the likelihood of a release of chemical weapons or chemical weapons precursors affecting local residents.

(2) The methodology the Secretary of Defense used prior to such strikes to determine the potential for chemical agents to enter into the aquifer, air, soil, or other aspects of the environment.

(c) FORM.—The report required under this section shall be submitted in unclassified form, but may contain a classified annex.

SEC. 1228. REPORT ON COOPERATION BETWEEN IRAN AND THE RUSSIAN FEDERATION.

(a) REPORT REQUIRED.—Not later than 120 days after the date of the enactment of this Act, and annually thereafter for 5 years, the President shall transmit to the appropriate congressional committees a report on cooperation between Iran and the Russian Federation and the extent to which such cooperation affects United States national security and strategic interests, particularly with respect to Syria.

(b) MATTERS TO BE INCLUDED.—The report required by subsection (a) shall include the following: —

(1) A detailed description of Iranian-Russian cooperation on matters relating to Syria, including the following:

(A) Mutual defense assistance to the Assad regime.

(B) Establishment of forward operating bases in Syria.

(C) Deployment of air defense systems.

(D) Assistance to Assad's chemical weapons program, including research, development, and deployment of such weapons.

(2) A detailed description of Iranian-Russian cooperation on matters relating to Iran's space program, including how and to what extent such cooperation strengthens Iran's ballistic missile program.

(3) A description and analysis of the intelligence-sharing center established by Iran, Russia, and Syria in Baghdad, Iraq, and whether such center is being used for purposes other than the purposes of the joint mission of such countries in Syria.

(4) A description and analysis of—

(A) naval cooperation between Iran and Russia, including joint naval exercises between the two countries; and

(B) the long-term consequences of—

(i) a robust Russian naval presence in the Eastern Mediterranean;

(ii) an Iranian naval presence in the Persian Gulf; and

(iii) Iranian and Russian naval strength in the Caspian Sea.

(5) A description of nuclear cooperation between Iran and Russia, both with respect to the Joint Comprehensive Plan of Action and outside of the parameters of such nuclear agreement with Iran.

(6) The likelihood that Iran might adopt the Russian model of hybrid warfare.

(7) The extent of Russian cooperation with Hezbollah in Syria, Lebanon, and Iraq, including cooperation with respect to training, equipping, and joint operations.

(c) FORM.—Each report required by subsection (a) shall be submitted in unclassified form, but may contain a classified annex.

(d) APPROPRIATE CONGRESSIONAL COMMITTEES DEFINED.—In this section, the term "appropriate congressional committees" means—

(1) the congressional defense committees; and

(2) the Committee on Foreign Relations of the Senate and the Committee on Foreign Affairs of the House of Representatives.

Subtitle D—Matters Relating to the Russian Federation

SEC. 1231. PROHIBITION ON AVAILABILITY OF FUNDS RELATING TO SOVEREIGNTY OF THE RUSSIAN FEDERATION OVER CRIMEA.

(a) PROHIBITION.—None of the funds authorized to be appropriated by this Act or otherwise made available for fiscal year 2019 for the Department of Defense may be obligated or expended to implement any activity that recognizes the sovereignty of the Russian Federation over Crimea.

(b) WAIVER.—The Secretary of Defense, with the concurrence of the Secretary of State, may waive the restriction on the obligation or expenditure of funds required by subsection (a) if the Secretary—

(1) determines that to do so is in the national security interest of the United States; and

(2) submits a notification of the waiver, at the time the waiver is invoked, to the Committee on

Armed Services and the Committee on Foreign Relations of the Senate and the Committee on Armed Services and the Committee on Foreign Affairs of the House of Representatives.

SEC. 1232. LIMITATION ON AVAILABILITY OF FUNDS RELATING TO IMPLEMENTATION OF THE OPEN SKIES TREATY.

(a) PROHIBITION ON ACTIVITIES TO MODIFY UNITED STATES AIRCRAFT.—

(1) IN GENERAL.—None of the funds authorized to be appropriated by this Act or otherwise made available for fiscal year 2019 for research, development, test, and evaluation, Air Force, for arms control implementation (PE 0305145F), Aircraft Procurement, Air Force (line item C135B0/C-135B), or procurement, Air Force, for digital visual imaging system (BA-05, Line Item #1900) may be obligated or expended to carry out any activities to modify any United States aircraft for purposes of implementing the Open Skies Treaty until the President submits to the appropriate congressional committees the certification described in paragraph (2).

(2) CERTIFICATION.—

(A) IN GENERAL.—The certification described in this paragraph is a certification of the President that—

(i) the President has imposed treaty violations responses and legal countermeasures on the Russian Federation for its violations of the Open Skies Treaty; and

(ii) the President has fully informed the appropriate congressional committees of such responses and countermeasures.

(B) DELEGATION.—The President may delegate the responsibility for making a certification under subparagraph (A) to the Secretary of the State.

(3) APPROPRIATE CONGRESSIONAL COMMITTEES DEFINED.—In this subsection, the term "appropriate congressional committees" means—

(A) the congressional defense committees; and

(B) the Committee on Foreign Relations of the Senate and the Committee on Foreign Affairs of the House of Representatives.

(b) LIMITATION ON USE OF FUNDS TO VOTE OR APPROVE CERTAIN IMPLEMENTING DECISIONS OF THE OPEN SKIES CONSULTATIVE COMMISSION.—

(1) IN GENERAL.—None of the funds authorized to be appropriated or otherwise made available by this Act or any other Act for fiscal year 2019 may be used to vote to approve or otherwise adopt any implementing decision of the Open Skies Consultative Commission pursuant to Article X of the Open Skies Treaty to authorize approval of requests by state parties to the Treaty to certify infra-red or synthetic aperture radar sensors pursuant to Article IV of the Treaty unless and until the following requirements are met:

(A) The Secretary of Defense, jointly with the relevant United States Government officials, submits to the appropriate congressional committees the following:

(i) A certification that the implementing decision would not be detrimental or otherwise harmful to the national security of the United States.

(ii) A report on the Open Skies Treaty that includes the following:

(I) The annual costs to the United States associated with countermeasures to mitigate potential abuses of observation flights by the Russian Federation

carried out under the Treaty over European and United States territories involving infra-red or synthetic aperture radar sensors.

(II) A plan, and its estimated comparative cost, to replace the Treaty architecture with an increased sharing of overhead commercial imagery, consistent with United States national security, with covered state parties, excluding the Russian Federation.

(III) An evaluation by the Director of National Intelligence of matters concerning how an observation flight described in clause (i) could implicate intelligence activities of the Russian Federation in the United States and United States counterintelligence activities and vulnerabilities.

(IV) An assessment of how such information is used by the Russian Federation, for what purpose, and how the information fits into the Russian Federation's overall collection posture.

(B) Not later than 90 days before the date on which the United States votes to approve or otherwise adopt any such implementing decision, the President shall submit to the appropriate congressional committees a certification that—

(i) the Russian Federation—

(I) is in complete compliance with is obligations under the Open Skies Treaty;

(II) is not exceeding the imagery limits set forth in the Treaty; and

(III) is allowing observation flights by covered state parties over all of Moscow, Chechnya, Kaliningrad, and within 10 kilometers of its border with Georgia's occupied territories of Abkhazia and South Ossetia without restriction and without inconsistency to requirements under the Treaty;

(ii) covered state parties have been notified and briefed on concerns of the intelligence community (as defined in section 3 of the National Security Act of 1947 (50 U.S.C. 3003)) regarding infra-red or syn-

thetic aperture radar sensors used under the Open Skies Treaty; and

(iii) the Russian Federation has agreed to—

(I) extradite the 13 Russian citizens indicted on February 16, 2018, by the Department of Justice for undertaking unlawful activities against the United States;

(II) remove illegally stationed Russian troops and materiel from Ukraine's autonomous Republic of Crimea and the city of Sevastopol;

(III) cease all material financial support for Russian proxies in Eastern Ukraine; and

(IV) cease all military or financial support to any state that uses or has used against its own civilian population any agent or substance banned by the Chemical Weapons Convention.

(2) WAIVER.—

(A) IN GENERAL.—The President may waive the application of paragraph (1) if the President determines that—

(i) the waiver is in the national security of the United States; and

(ii) the Russian Federation has taken clear and verifiable action to return to full and complete compliance with the Open Skies Treaty.

(B) LIMITATION ON DELEGATION.—The authority of the President under subparagraph (A) to waive the application of paragraph (1) may not be delegated.

(3) OPERATION OF OC-135 AIRCRAFT.—

(A) IN GENERAL.—It is the sense of Congress that—

(i) the United States continues to conduct observation flights under the Open Skies Treaty using OC-135 aircraft, a fleet now in its 57th year of service; and

(ii) advances in commercial surveillance technology have surpassed the value of aerial observation under the terms of the Open Skies Treaty and brings into questions the continued use of the OC-135 fleet for this purpose.

(B) REPORT.—

(i) IN GENERAL.—Not later than January 31, 2019, the Secretary of Defense shall submit to the appropriate congressional committees a report on the state of United States OC-135 aircraft with respect to airworthiness, safety of flight, and maintenance reliability. The report shall also include a recommendation as to the prospective date of retirement of the OC-135 fleet.

(ii) DEFINITION.—In this subparagraph, the term "appropriate congressional committees" means—

(I) the congressional defense committees; and

(II) the Committee on Foreign Relations of the Senate and the Committee on Foreign Affairs of the House of Representatives.

(C) SUSPENSION OF OPERATION OF OC-135 AIRCRAFT.—The Secretary of Defense is authorized to cease operation of United States OC-135 aircraft under the Open Skies Treaty if continued operation of these aircraft would impose undue risk to personnel or excessive cost.

(c) FORM.—Each certification and report required under this section shall be submitted in unclassified form, but may contain a classified annex if necessary.

(d) DEFINITIONS.—Except as otherwise provided, in this section:

(1) APPROPRIATE CONGRESSIONAL COMMITTEES.—The term "appropriate congressional committees" means—

(A) the Committee on Armed Services, the Committee on Foreign Relations, and the Select Committee on Intelligence of the Senate; and

(B) the Committee on Armed Services, the Committee on Foreign Affairs, and the Permanent Select Committee on Intelligence of the House of Representatives.

(2) CHEMICAL WEAPONS CONVENTION.—The term "Chemical Weapons Convention" means the Convention on the Prohibition of the Development, Production, Stockpiling and Use of Chemical Weapons and on Their Destruction, entered into force on April 29, 1997.

(3) COVERED STATE PARTY.—The term "covered state party" means a foreign country that—

(A) is a state party to the Open Skies Treaty; and

(B) is a United States ally.

(4) INFRA-RED OR SYNTHETIC APERTURE RADAR SENSOR.—The term "infra-red or synthetic aperture radar sensor" means a sensor that is classified as—

(A) an infra-red line-scanning device under category C of paragraph 1 of Article IV of the Open Skies Treaty; or

(B) a sideways-looking synthetic aperture radar under category D of paragraph 1 of Article IV of the Open Skies Treaty.

(5) OBSERVATION FLIGHT.—The term "observation flight" has the meaning given such term in Article II of the Open Skies Treaty.

(6) OPEN SKIES TREATY; TREATY.—The term "Open Skies Treaty" or "Treaty" means the Treaty on Open Skies, done at Helsinki March 24, 1992, and entered into force January 1, 2002.

(7) RELEVANT UNITED STATES GOVERNMENT OFFICIALS.—The term "relevant United States Government officials" means the following:

(A) The Secretary of Energy.

(B) The Secretary of Homeland Security.

(C) The Director of the Federal Bureau of Investigation.

(D) The Director of National Intelligence.

(E) The Commander of U.S. Strategic Command and the Commander of U.S. Northern Command in the case of an observation flight over the territory of the United States.

(F) The Commander of U.S. European Command in the case of an observation flight other than an observation flight described in subparagraph (E).

(8) SENSOR.—The term "sensor" has the meaning given such term in Article II of the Open Skies Treaty.

SEC. 1233. COMPREHENSIVE RESPONSE TO THE RUSSIAN FEDERATION'S MATERIAL BREACH OF THE INF TREATY.

(a) FINDINGS.—Congress finds the following:

(1) James Mattis, Secretary of Defense, testified before the House Armed Services Committee on March 22, 2018, that "we have very modest expectations that they [Russia] would return to [INF] compliance. As a result, in the Nuclear Posture Review, we are looking for a way, at the lowest possible cost, to checkmate them and make it in their best interest to return to compliance.".

(2) The Honorable Daniel Coats, Director of National Intelligence, testified before the Senate Armed

Services Committee on March 6, 2018, that the Russian Federation is violating the INF Treaty because "Moscow probably believes that the new GLCM provides sufficient advantages that make it worth the risk of violating the INF Treaty.".

(3) General Hyten, Commander of the United States Strategic Command, also testified before the Senate Armed Services Committee on March 20, 2018, about potential strategic advantages for China stemming from their lack of participation in the INF Treaty by saying that "they do not have any limitations in the INF [Treaty], and they have built significant numbers of intermediate-range ballistic missiles that if they were in the INF [Treaty], they would be contrary to the treaty".

(4) General Joseph Dunford, Chairman of the Joint Chiefs of Staff, testified before the House Armed Services Committee on April 12, 2018, that "we're not only looking for operational concepts and ways to deal with the Russian violation, but we're also at least posturing ourselves to develop weapons should they be required". Secretary of Defense Mattis also stated in that same hearing "our effort will be matched at State Department by movement on arms control and nonproliferation. There are two thrusts to

our nuclear strategy. . .and that's why those funds have been requested.".

(b) STATEMENT OF POLICY.—It is the policy of the United States as follows:

(1) The actions undertaken by the Russian Federation in violation of the INF Treaty, including the flight-test, production, and possession of prohibited systems, have defeated the object and purpose of the INF Treaty, and thus constitute a material breach of the INF Treaty.

(2) In light of the Russian Federation's material breach of the INF Treaty, the United States is legally entitled to suspend the operation of the INF Treaty in whole or in part for so long as the Russian Federation continues to be in material breach of the INF Treaty.

(3) For so long as the Russian Federation remains in noncompliance with the INF Treaty, the United States should take actions to encourage the Russian Federation to return to compliance with the INF Treaty, including by—

(A) providing additional funds for the capabilities identified in section 1243(d) of the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114–92; 129 Stat. 1062) and

the Intermediate-Range Nuclear Forces Treaty Preservation Act of 2017 (Public Law 115–91; 131 Stat. 1671); and

(B) seeking additional missile defense assets in the European theater needed to fill military capability gaps to protect United States and NATO forces from ground-launched missile systems of the Russian Federation that are in non-compliance with the INF Treaty.

(c) IMPOSITION OF ARMS CONTROL SANCTIONS.—

(1) IN GENERAL.—An amount equal to not less than 25 percent of the amount authorized to be appropriated or otherwise made available to the Department of Defense for fiscal year 2019 to provide support services to the Executive Office of the President, other than support services that are required for senior leader communications services, shall be withheld from obligation or expenditure until the date on which the President has submitted to the appropriate congressional committees the certification described in paragraph (2).

(2) CERTIFICATION DESCRIBED.—The certification described in this paragraph is a certification of the President that—

(A) each requirement of section 1290 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114–328; 130 Stat. 2555; 22 U.S.C. 2593e) has been fully implemented and is continuing to be fully implemented;

(B) the President has notified the appropriate congressional committees under such section 1290 of the imposition of measures described in subsection (c) of such section with respect to each person identified in a report under subsection (a) of such section, including a detailed description of the imposition of all such measures; and

(C) the President has submitted the report required by section 1244(c) of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115–91; 131 Stat. 1674) (relating to report on plan to impose additional sanctions with respect to the Russian Federation).

(d) DEFINITIONS.—In this section:

(1) APPROPRIATE CONGRESSIONAL COMMITTEES.—The term "appropriate congressional committees" means—

(A) the Select Committee on Intelligence, the Committee on Foreign Relations, the Committee

on Armed Services, and the Committee on Appropriations of the Senate; and

(B) the Permanent Select Committee on Intelligence, the Committee on Foreign Affairs, the Committee on Armed Services, and the Committee on Appropriations of the House of Representatives.

(2) INF TREATY.—The term "INF Treaty" means the Treaty between the United States of America and the Union of Soviet Socialist Republics on the Elimination of Their Intermediate-Range and Shorter-Range Missiles, signed at Washington December 8, 1987, and entered into force June 1, 1988.

(3) NEW START TREATY.—The term "New START Treaty" means the Treaty between the United States of America and the Russian Federation on Measures for the Further Reduction and Limitation of Strategic Offensive Arms, signed at Prague April 8, 2010, and entered into force February 5, 2011.

(4) OPEN SKIES TREATY.—The term "Open Skies Treaty" means the Treaty on Open Skies, done at Helsinki March 24, 1992, and entered into force January 1, 2002.

SEC. 1234. MODIFICATION AND EXTENSION OF UKRAINE SECURITY ASSISTANCE INITIATIVE.

Section 1250 of the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114–92; 129 Stat. 1068), as most recently amended by section 1234 of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115–91; 131 Stat. 1659), is further amended—

(1) in subsection (c)—

(A) in paragraph (1), by striking "50 percent of the funds available for fiscal year 2018 pursuant to subsection (f)(3)" and inserting "50 percent of the funds available for fiscal year 2019 pursuant to subsection (f)(4)"; and

(B) in paragraph (3), by striking "fiscal year 2018" and inserting "fiscal year 2019"; and

(C) by adding at the end the following new paragraph:

"(5) LETHAL ASSISTANCE.—Of the funds available for fiscal year 2019 pursuant to subsection (f)(4), $50,000,000 shall be available only for lethal assistance described in paragraphs (2) and (3) of subsection (b).";

(2) in subsection (f), by adding at the end the following:

"(4) For fiscal year 2019, $250,000,000."; and

(3) in subsection (h), by striking "December 31, 2020" and inserting "December 31, 2021".

SEC. 1235. STATEMENT OF POLICY ON UNITED STATES MILITARY INVESTMENT IN EUROPE.

(a) FINDINGS.—Congress finds the following:

(1) Both the 2017 National Security Strategy and the 2018 National Defense Strategy highlight the Russian Federation as a long-term strategic competitor to the United States.

(2) The Russian Federation uses a whole-of-society approach to influence and attempt to shape the information space, weaken American resolve and confidence in its democracy, and undermine the power and international standing of the United States.

(3) Through the National Defense Authorization Act for Fiscal Year 2015 (Public Law 113-291), the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114-92), the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328), and the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115-91), Congress has authorized, in total, approximately $9,800,000,000 for the European Reassurance Initiative, now the European Deterrence Initiative, to reas-

sure partners and allies and build a credible deterrent and defense against the Russian Federation.

(b) STATEMENT OF POLICY.—It is the policy of the United States to develop, implement, and sustain a credible deterrent against aggression and long-term strategic competition by the Government of the Russian Federation in order to enhance regional and global security and stability, including by the following:

(1) Increased United States presence in Europe through additional permanently stationed forces, including logistics enablers and a combat aviation brigade.

(2) Continued United States presence in Europe through rotational forces.

(3) Increased United States pre-positioned military equipment, including munitions, logistics enablers, and a division headquarters.

(4) Sufficient and necessary infrastructure additions and improvements throughout Europe.

(5) Increased investment and prioritization to counter indirect action (such as information operations intended to influence), including sufficient cyber, counter-propaganda, and intelligence resources.

(6) Sufficient security cooperation resources and opportunities with partners and allies, including with

member countries of the North Atlantic Treaty Organization.

SEC. 1236. IMPOSITION OF SANCTIONS WITH RESPECT TO CERTAIN PERSONS PROVIDING SOPHISTICATED GOODS, SERVICES, OR TECHNOLOGIES FOR USE IN THE PRODUCTION OF MAJOR DEFENSE EQUIPMENT OR ADVANCED CONVENTIONAL WEAPONS.

(a) REPORT ON SANCTIONED PERSONS RELATING TO RUSSIAN FEDERATION'S NOTED VIOLATION OF THE INF TREATY.—

(1) REPORT.—

(A) IN GENERAL.—Not later than 120 days after the date of enactment of this Act, the President shall submit to the appropriate congressional committees a report that contains a list of persons described in section 1290(a)(1) of the National Defense Authorization Act for Fiscal Year 2017 related to the Russian Federation's noted violation of the INF Treaty, as noted in the 2016 Report on Adherence to and Compliance With Arms Control, Nonproliferation, and Disarmament Agreements and Commitments.

(B) FORM.—The report required by subparagraph (A) shall be provided in unclassified form, but may contain a classified annex.

(C) APPROPRIATE CONGRESSIONAL COMMITTEES DEFINED.—In this paragraph, the term "appropriate congressional committees" has the meaning given such term in section 1290(h) of the National Defense Authorization Act for Fiscal Year 2017.

(2) INF TREATY DEFINED.—In this subsection, the term "INF Treaty" means the Treaty Between the United States of America and the Union of Soviet Socialist Republics on the Elimination of Their Intermediate-Range and Shorter-Range Missiles, commonly referred to as the "Intermediate- Range Nuclear Forces (INF) Treaty", signed at Washington December 8, 1987, and entered into force June 1, 1988.

(b) REPORT ON SUPPLY CHAINS FOR RUSSIAN ARMS SALES PROGRAMS.—

(1) IN GENERAL.—Not later than 180 days after the date of the enactment of this Act, the President shall submit to the appropriate congressional committees a report that contains the following:

(A) An analysis of the foreign and domestic supply chains in the Russian Federation that directly or indirectly significantly facilitates, supports, or otherwise aids the Government of the Russian Federation's development, export, sale, or transfer of major defense equipment or advanced conventional weapons.

(B) A description of the geographic distribution of the foreign and domestic supply chains described in subparagraph (A), including sources of sophisticated goods, services, or technologies used for or by Russia for the development, export, sale, or transfer of such equipment or weapons.

(C) An assessment of the ability of the Russian Government to domestically manufacture or otherwise produce the goods, services, or technology necessary to support the development, export, sale, or transfer of such equipment or weapons.

(2) FORM.—The report required under paragraph (1) shall be submitted in unclassified form, but may contain a classified annex.

(3) APPROPRIATE CONGRESSIONAL COMMITTEES DEFINED.—In this subsection, the term "appropriate congressional committees" means—

(A) the Committee on Foreign Relations and the Select Committee on Intelligence of the Senate; and

(B) the Committee on Foreign Affairs and the Permanent Select Committee on Intelligence of the House of Representatives.

(c) IMPOSITION OF SANCTIONS WITH RESPECT TO CERTAIN PERSONS PROVIDING SOPHISTICATED GOODS, SERVICES, OR TECHNOLOGIES FOR USE IN THE PRODUCTION OF MAJOR DEFENSE EQUIPMENT OR ADVANCED CONVENTIONAL WEAPONS.—

(1) IDENTIFICATION.—

(A) IN GENERAL.—Not later than 60 days after the date of the submission of the report under subsection (b), and annually thereafter for 5 years, the President shall submit to the appropriate congressional committees a report that identifies each foreign person and each agency or instrumentality of a foreign state that the President determines is a foreign person or an agency or instrumentality of a foreign state described in subparagraph (B).

(B) FOREIGN PERSON OR AGENCY OR INSTRUMENTALITY OF A FOREIGN STATE DESCRIBED.—A foreign person or an agency or instrumentality of a foreign state described in this subparagraph is a foreign person or an agency or instrumentality of a foreign state that—

(i) knowingly sells, leases, or otherwise provides significant sophisticated goods, services, or technology, to any entities owned or controlled by the Government of the Russian Federation, or

(ii) engages in a significant transaction or transactions to sell, lease, or otherwise provide such sophisticated goods, services, or technologies, to entities beneficially owned by the Russian Federation,

if such activity under clause (i) or transaction under clause (ii) materially contributes to the ability of Russia to develop or produce major defense equipment or advanced conventional weapons.

(C) FORM.—The report required under subparagraph (A) shall be submitted in unclassified form, but may contain a classified annex.

(D) EXCEPTION.—

(i) IN GENERAL.—The President shall not be required to identify a foreign person or an agency or instrumentality of a foreign state in a report pursuant to subparagraph (A) if—

(I) the foreign person or the agency or instrumentality of a foreign state notifies the United States Government in advance that it proposes to engage in an activity under subparagraph (B)(i) or a transaction under subparagraph (B)(ii); and

(II) the President determines and notifies the appropriate congressional committees in classified form prior to the foreign person or agency or instrumentality of a foreign state engaging in the activity under subparagraph (B)(i) or transaction under subparagraph (B)(ii) that such activity or transaction is in the national interests of the United States.

(ii) NON-APPLICABILITY.—The exception under clause (i) shall not apply with respect to—

(I) an agency or instrumentality of a foreign state the government of which the Secretary of State determines has repeatedly provided support for acts of international terrorism pursuant to section 6(j) of the Export Administration Act of 1979 (as continued in effect pursuant to the International Emergency Economic Powers Act), section 40 of the Arms Export Control Act, section 620A of the Foreign Assistance Act of 1961, or any other relevant provision of law; or

(II) any activity under subparagraph (B)(i) or transaction under subparagraph (B)(ii) that involves, directly or indirectly, a foreign state described in subclause (I).

(2) SANCTIONS IMPOSED.—

(A) IN GENERAL.—Except as provided in subparagraph (C), not later than 180 days after the date of the submission of the report under subsection (b), and annually thereafter for 8 years, the President shall impose one or more of the sanctions described in subparagraph (B)

with respect to any foreign person or agency or instrumentality of a foreign state identified pursuant to paragraph (1).

(B) SANCTIONS DESCRIBED.—The sanctions described in this subparagraph are the following:

(i) No sales of any defense articles, defense services, or design and construction services under the Arms Export Control Act (22 U.S.C. 2751 et seq.) may be made to the foreign person or agency or instrumentality of the foreign state.

(ii) No licenses for export of any item on the United States Munitions List that include the foreign person or agency or instrumentality of the foreign state as a party to the license may be granted.

(iii) No exports may be permitted to the foreign person or agency or instrumentality of the foreign state of any goods or technologies controlled for national security reasons under the Export Administration Regulations, except that such prohibition shall not apply to any transaction subject to the reporting requirements of title V of the National Security Act of 1947 (50

U.S.C. 413 et seq.; relating to congressional oversight of intelligence activities).

(iv)(I) The President may exercise of all powers granted to the President by the International Emergency Economic Powers Act (50 U.S.C. 1701 et seq.) (except that the requirements of section 202 of such Act (50 U.S.C. 1701) shall not apply) to the extent necessary to block and prohibit all transactions in all property and interests in property of a foreign person or agency or instrumentality of the foreign state if such property and interests in property are in the United States, come within the United States, or are or come within the possession or control of a United States person.

(II)(aa) The authority to impose sanctions under subclause (I) shall not include the authority to impose sanctions relating to the importation of goods.

(bb) In item (aa), the term "good" has the meaning given such term in section 16 of the Export Administration Act of 1979 (50 U.S.C. App. 2415) (as continued in effect pursuant to the International Emer-

gency Economic Powers Act (50 U.S.C. 1701 et seq.)).

(cc) The penalties provided for in subsections (b) and (c) of section 206 of the International Emergency Economic Powers Act (50 U.S.C. 1705) shall apply to a person that violates, attempts to violate, conspires to violate, or causes a violation of regulations promulgated under this section to carry out subclause (I) to the same extent that such penalties apply to a person that commits an unlawful act described in section 206(a) of that Act.

(dd) Except as provided in subparagraph (I), the President may exercise all authorities provided to the President under sections 203 and 205 of the International Emergency Economic Powers Act (50 U.S.C. 1702 and 1704) for purposes of carrying out subclause (I).

(C) EXCEPTIONS.—The President shall not be required to apply sanctions with respect to a foreign person or an agency or instrumentality of a foreign state identified pursuant to paragraph (1)—

(i)(I) if the President certifies to the appropriate congressional committees that the foreign person or agency or instrumentality of the foreign state—

(aa) is no longer carrying out activities or transactions for which the sanctions were imposed pursuant to this paragraph; or

(bb) has taken and is continuing to take significant verifiable steps toward terminating the activities or transactions for which the sanctions were imposed pursuant to this paragraph; and

(II) the President has received reliable assurances from the foreign person or the agency or instrumentality of the foreign state that it will not carry out any activities or transactions for which sanctions may be imposed pursuant to this paragraph in the future;

(ii) in the case of procurement of defense articles or defense services by the United States Government under existing contracts or subcontracts, including the ex-

ercise of options for production quantities to satisfy requirements essential to the national security of the United States, if the President determines in writing to the appropriate congressional committees that—

(I) the foreign person or agency or instrumentality of a foreign state to which the sanctions would otherwise be applied is a sole source supplier of the defense articles or services, that the defense articles or services are essential, and that alternative sources are not readily or reasonably available; and

(II) it is in the national interest and the President certifies such determination in writing to the appropriate congressional committees; or

(iii) if the President certifies in writing to the appropriate congressional committees that the identification of the foreign person or agency or instrumentality of a foreign state would impede the supply by any entity of the Russian Federation of a product or service, or the procurement of

such product or service, by the Government of the United States—

(I) for purposes of civil aviation safety; or

(II) in connection with any space launch conducted for the Government of the United States.

(3) WAIVER.—The President may waive the application of paragraph (2) for renewable periods not to exceed 180 days with respect to a foreign person or foreign persons, or agency or instrumentality of a foreign state, if the President—

(A) determines that the waiver is important to the national security of the United States; and

(B) before the waiver takes effect, briefs the appropriate congressional committees on the waiver and the reason for the waiver.

(4) DEFINITIONS.—In this subsection:

(A) ADVANCED CONVENTIONAL WEAPONS.—The term "advanced conventional weapons" includes—

(i) such long-range precision-guided munitions, fuel air explosives, cruise missiles, low observability aircraft, other radar evading aircraft, advanced military air-

craft, military satellites, electromagnetic weapons, and laser weapons that the President determines enhance offensive capabilities in destabilizing ways;

(ii) such advanced command, control, and communications systems, electronic warfare systems, or intelligence collection systems that the President determines enhance offensive capabilities in destabilizing ways;

(iii) the S–300 and S–400 missile defense systems and air superiority fighters; and

(iv) such other items or systems as the President may, by regulation, determine necessary for purposes of this subsection.

(B) AGENCY OR INSTRUMENTALITY OF A FOREIGN STATE.—The term "agency or instrumentality of a foreign state" has the meaning given such term in section 1603(b) of title 28, United States Code.

(C) APPROPRIATE CONGRESSIONAL COMMITTEES.—The term "appropriate congressional committees" means—

(i) the Committee on Foreign Relations, the Committee on Armed Services, the Committee on Banking, Housing, and Urban Affairs, and the Committee on Finance of the Senate; and

(ii) the Committee on Foreign Affairs, the Committee on Armed Services, the Committee on Financial Services, and the Committee on Ways and Means of the House of Representatives.

(D) FOREIGN PERSON.—The term "foreign person" means—

(i) an individual who is not a United States person; or

(ii) a corporation, partnership, or other nongovernmental entity which is not a United States person.

(E) MAJOR DEFENSE EQUIPMENT.—The term "major defense equipment" has the meaning given such term under section 120.8 of title 22, Code of Federal Regulations (as in effect on the date of the enactment of this Act).

(F) PERSON.—The term "person" means—

(i) a natural person;

(ii) a corporation, business association, partnership, society, trust, financial institution, insurer, underwriter, guarantor, and any other business organization, any other nongovernmental entity, organization, or group, and any governmental entity operating as a business enterprise; and

(iii) any successor to any entity described in clause (ii).

(G) UNITED STATES PERSON.—The term "United States person" means—

(i) a United States citizen or an alien lawfully admitted for permanent residence to the United States;

(ii) an entity organized under the laws of the United States or of any jurisdiction within the United States, including a foreign branch of such an entity; or

(iii) any person in the United States.

(5) DETERMINATION OF SOPHISTICATED.—The Secretary of State, with the concurrence of the Secretary of Defense and in coordination with the heads of other relevant Federal agencies, shall promulgate regulations to determine if a good, service, or technology is sophisticated for purposes of this section.

(6) DETERMINATION OF BENEFICIAL OWNERSHIP.—Not later than 90 days after the date of the enactment of this Act, the President shall promulgate regulations for determining beneficial ownership of an entity described in paragraph (1)(B)(ii) to be less than fifty percent ownership.

(7) COOPERATION.—The Secretary of State shall seek to consult and cooperate with United States allies and partners to impose sanctions as required under this subsection and to maximize the effect of these sanctions.

(8) EFFECTIVE DATE.—This subsection takes effect on the date of the enactment of this Act and applies with respect to activities and transactions described in paragraph (1) that are carried out on or after such date of enactment.

(d) ADDITIONAL MEASURES FOR THE PURCHASE OF CERTAIN DEFENSE ARTICLES OR DEFENSE SERVICES FROM RUSSIA.—

(1) IN GENERAL.—In the case of an agency or instrumentality of the Islamic Republic of Iran or of any other state sponsor of terrorism that engages in the activities described in paragraph (2), the President shall, pursuant to section 6 of the Export Administration Act of 1979 (as continued in effect pur-

suant to the International Emergency Economic Powers Act (50 U.S.C. 1701 et seq.)), require a license under the Export Administration Regulations to export, re-export, or transfer to that foreign state, or specific sectors of that foreign state, any item subject to the Export Administration Regulations other than food, medicine, or medical devices.

(2) ACTIVITIES DESCRIBED.—The activities described in this paragraph are the purchase, lease, or acquisition, on or after March 6, 2014, of major defense equipment or advanced conventional weapons from the Russian Federation.

(3) SUSPENSION OF APPLICATION.—The President may suspend the application of the measures described in paragraph (1) for renewable periods not to exceed 180 days if the President determines and reports to the appropriate congressional committees that it is in the national security interest of the United States to do so.

(4) RULE OF CONSTRUCTION.—Nothing in this subsection shall be construed to apply to reexports of foreign manufactured items by non-United States persons that contain less than 10 percent United States-origin content, or previously licensed exports, reexports, or transfers.

(5) DEFINITIONS.—In this subsection:

(A) ADVANCED CONVENTIONAL WEAPONS.—The term "advanced conventional weapons" has the meaning given such term in subsection (c).

(B) APPROPRIATE CONGRESSIONAL COMMITTEES.—The term "appropriate congressional committees" means the Committee on Foreign Relations of the Senate and the Committee on Foreign Affairs of the House of Representatives.

(C) EXPORT ADMINISTRATION REGULATIONS.—The term "Export Administration Regulations" means subchapter C of chapter VII of title 15, Code of Federal Regulations (as in effect on the date of the enactment of this Act).

(D) MAJOR DEFENSE EQUIPMENT.—The term "major defense equipment" has the meaning given such term in subsection (c).

(E) STATE SPONSOR OF TERRORISM.—The term "state sponsor of terrorism" means a country the government of which the Secretary of State determines has repeatedly provided support for acts of international terrorism pursuant to section 6(j) of the Export Administration Act of 1979 (as continued in effect pursuant to the International Emergency Economic Powers Act),

section 40 of the Arms Export Control Act, section 620A of the Foreign Assistance Act of 1961, or any other relevant provision of law.

(6) EFFECTIVE DATE.—The licensing requirement under paragraph (1) shall take effect not later than 90 days after the date of the enactment of this Act.

(e) SPECIAL RULE TO ALLOW FOR TERMINATION OF SANCTIONS WITH RESPECT TO PERSONS ENGAGING IN TRANSACTIONS WITH THE INTELLIGENCE OR DEFENSE SECTORS OF THE GOVERNMENT OF THE RUSSIAN FEDERATION.—Section 231 of the Countering America's Adversaries Through Sanctions Act (Public Law 115–44; 22 U.S.C. 9525) is amended—

(1) by redesignating subsections (d) and (e) as subsection (e) and (f), respectively; and

(2) by inserting after subsection (c), as amended, the following new subsection:

"(d) SPECIAL RULE TO ALLOW FOR TERMINATION OF SANCTIONABLE ACTIVITY.—

"(1) CERTIFICATION.—The President shall not be required to apply sanctions to a person described in subsection (a) for renewable periods not to exceed 180 days with respect to the person if the President cer-

tifies in writing to the appropriate congressional committees that—

"(A) the person—

"(i) is no longer engaging in the activity described in subsection (a);

"(ii) has taken and is continuing to take significant verifiable steps toward terminating the activity described in that subsection; or

"(iii) has agreed to reduce reliance upon Russian defense or intelligence sectors of the Government of the Russian Federation trade over a specified period;

"(B) the person is taking specified actions to further the enforcement of this section; and

"(C) the President has received reliable assurances from the government with primary jurisdiction over the person that the person will not engage in any activity described in subsection (a) in the future outside of the parameters of any actions specified in subparagraph (A)(ii) or (iii) of such certification.

"(2) FORM.—The certification described in paragraph (1) shall be transmitted in an unclassified form, and may contain a classified annex.".

(f) EXCEPTION RELATING TO IMPORTATION OF GOODS.—No provision affecting sanctions under this section or an amendment made by this section shall apply to any portion of a sanction that affects the importation of goods.

(g) TERMINATION.—This section, including the authority to impose sanctions under this section and any sanctions so imposed, and any amendment made by this section shall terminate on the date that is 5 years after the date of the enactment of this Act.

SEC. 1237. EXTENSION OF LIMITATION ON MILITARY COOPERATION BETWEEN THE UNITED STATES AND THE RUSSIAN FEDERATION.

Section 1232(a) of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114–328; 130 Stat. 2488), as amended by section 1231 of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115–91), is further amended by striking "or 2018" and inserting ", 2018, or 2019".

SEC. 1238. SENSE OF CONGRESS REGARDING RUSSIA'S VIOLATIONS OF THE CHEMICAL WEAPONS CONVENTION.

(a) FINDINGS.—Congress finds the following:

(1) The United States ratified the Convention on the Prohibition of the Development, Production,

Stockpiling and Use of Chemical Weapons and on their Destruction, known as the "Chemical Weapons Convention", on April 24, 1997.

(2) The Russian Federation ratified the Chemical Weapons Convention on November 5, 1997.

(3) Article 1 of the Chemical Weapons Convention requires all signatories to "never under any circumstances...use chemical weapons".

(4) Russia's stock of chemical weapons has been implicated in the assassination or injuries of the following individuals:

(A) Sergei Skripal, Yulia Skripal, and Wiltshire Police Detective Sergeant Nicholas Bailey, poisoned using the nerve agent "novichok" in Salisbury, England, in March 2018.

(B) Alexander Litvinenko, poisoned using polonium, in London, England, in November 2006, about whose death a January 2016 inquest ordered by the British Parliament concluded "the FSB operation to kill Mr Litvinenko was probably approved by Mr Patrushev [then-director of the FSB] and also by President Putin".

(5) Russia has also demonstrated its disregard for the obligations imposed by the Chemical Weapons Convention by—

(A) continuing to provide military and diplomatic support for Syrian President Bashar al-Assad, who has used chemical weapons including chlorine gas and sarin against Syrian citizens;

(B) actively working to hinder the efforts of inspectors of the Organization for the Prohibition of Chemical Weapons in Syria; and

(C) consistently using its veto power at the United Nations Security Council to prevent effective international action against Assad for such activities.

(6) The Condition 10(C) Report on Compliance with the Convention on the Prohibition of the Development, Production, Stockpiling and Use of Chemical Weapons and on Their Destruction published by the Department of State in March 2018 asserts that "Based on available information, the United States cannot certify that Russia has met its obligations under the Chemical Weapons Convention for declaration of its: (1) [chemical weapons production facilities]; (2) [chemical weapons] development facilities; and (3) [chemical weapons] stockpiles. In fact, due to

Russia's March 4, 2018, use of a military-grade nerve agent to attack two individuals in the United Kingdom, the United States certifies that the Russian Federation is in non-compliance with its obligations under the [Chemical Weapons Convention].".

(b) SENSE OF CONGRESS.—It is the sense of Congress that the Russia's actions constitute violations of Russia's obligations under the Chemical Weapons Convention.

SEC. 1239. UNITED STATES ACTIONS REGARDING MATERIAL BREACH OF INF TREATY BY THE RUSSIAN FEDERATION.

(a) UNITED STATES ACTIONS.—If the President does not certify to the appropriate congressional committees that the Russian Federation has returned to full and verifiable compliance with the INF Treaty within one year of the date of the enactment of this Act, the prohibitions set forth in Article VI of the INF Treaty shall no longer be binding on the United States as a matter of United States law.

(b) DEFINITIONS.—In this section:

(1) APPROPRIATE CONGRESSIONAL COMMITTEES.—The term "appropriate congressional committees" means—

(A) the congressional defense committees; and

(B) the Committee on Foreign Relations of the Senate and the Committee on Foreign Affairs of the House of Representatives.

(2) INF TREATY.—The term "INF Treaty" means the Treaty Between the United States of America and the Union of Soviet Socialist Republics on the Elimination of Their Intermediate-Range and Shorter-Range Missiles, commonly referred to as the "Intermediate-Range Nuclear Forces (INF) Treaty", signed at Washington December 8, 1987, and entered into force June 1, 1988.

SEC. 1240. LIMITATION ON AVAILABILITY OF FUNDS TO EXTEND THE IMPLEMENTATION OF THE NEW START TREATY.

(a) FINDINGS.—Congress finds the following:

(1) The New START Treaty provides that, "[w]hen a Party believes that a new kind of strategic offensive arm is emerging, that Party shall have the right to raise the question of such a strategic offensive arm for consideration in the Bilateral Consultative Commission".

(2) Russian Federation President Vladimir Putin stated in a March 1, 2018, public speech that—

(A) "I will speak about the newest systems of Russian strategic weapons that we are cre-

ating. . .we have embarked on the development of the next generation of missiles.";

(B) "We started to develop new types of strategic arms that do not use ballistic trajectories at all when moving toward a target.";

(C) "One of them is a small-scale heavy-duty nuclear energy unit that can be installed in a missile like our latest X-101 air-launched missile. . .In late 2017, Russia successfully launched its latest nuclear-powered missile at the central training ground. During its flight, the nuclear-powered engine reached its design capacity and provided the necessary propulsion.";

(D) "[i]n December 2017, an innovative nuclear power unit for this unmanned underwater vehicle completed a test cycle that lasted many years. . ..[t]he tests that were conducted enabled us to begin developing a new type of strategic weapon that would carry massive nuclear ordnance";

(E) "[b]y the way, we have yet to choose names for these two new strategic weapons, the global range cruise missile and the unmanned underwater vehicle. We are waiting for suggestions from the Defence Ministry";

(F) "A real technological breakthrough is the development of a strategic missile system with fundamentally new combat equipment- a gliding wing unit, which has also been successfully tested. . .[w]e called it the Avangard"; and

(G) "I want to specifically emphasise that the newly developed strategic arms - in fact, new types of strategic weapons- are not the result of something left over from the Soviet Union. Of course, we relied on some ideas from our ingenious predecessors. But everything I have described today is the result of the last several years, the product of dozens of research organisations, design bureaus and institute.".

(3) During the House Armed Services Committee hearing on April 12, 2018, Secretary of Defense James Mattis was asked whether Russia should honor the terms of the treaty and limit its new strategic offensive arms under the New START Treaty as it requires and he stated "Sir, I believe they should.".

(b) LIMITATION.—None of the funds authorized to be appropriated or otherwise made available for fiscal year 2019 for the Department of Defense may be obligated or expended to extend the implementation of the New START Treaty unless and until the President—

(1) certifies to the appropriate congressional committees that—

(A) the President has raised the issue of covered Russian systems in the appropriate fora with the Russian Federation under Article V of the New START Treaty or otherwise; and

(B) the Russian Federation has responded in writing to the United States as to whether they will agree to declare the covered Russian systems as strategic offensive arms or otherwise pursuant to the New START Treaty;

(2) submits a copy of the written response of the Russian Federation described in paragraph (1)(B) to the appropriate congressional committees; and

(3) notifies the appropriate congressional committees as to whether the position of the Russian Federation threatens the viability of the New START Treaty or requires appropriate United States political, economic, or military responses.

(c) DEFINITIONS.—In this section:

(1) APPROPRIATE CONGRESSIONAL COMMITTEES.—The term "appropriate congressional committees" means—

(A) the congressional defense committees; and

(B) the Committee on Foreign Relations of the Senate and the Committee on Foreign Affairs of the House of Representatives.

(2) COVERED RUSSIAN SYSTEMS.—The term "covered Russian systems" means the following:

(A) The heavy intercontinental missile system known as "Sarmat" or otherwise identified.

(B) An air-launched nuclear-powered cruise missile known as "X-101" or otherwise identified.

(C) An unmanned underwater vehicle known as "Status 6" or otherwise identified.

(D) The long-distance guided flight hypersonic weapons system known by "Avanguard" or otherwise identified.

(3) NEW START TREATY.—The term "New START Treaty" means the Treaty between the United States of America and the Russian Federation on Measures for the Further Reduction and Limitation of Strategic Offensive Arms, signed at Prague April 8, 2010, and entered into force February 5, 2011.

Subtitle E—Matters Relating to the Indo-Pacific Region

SEC. 1251. SUPPORT FOR INDO-PACIFIC STABILITY INITIATIVE.

(a) SENSE OF CONGRESS.—It is the sense of Congress that—

(1) the Initiative established pursuant to subsection (b) of section 1251 of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115–91; 131 Stat. 1676) bolsters the efforts of the United States and its allies and partners in the Indo-Pacific region to deter aggression by providing resources to—

(A) increase the presence and capabilities and enhance the posture of the United States Armed Forces in the region;

(B) improve military and defense infrastructure, basing, logistics, and access in the Indo-Pacific region in order to enhance the responsiveness and capabilities of the United States Armed Forces; and

(C) increase bilateral and multilateral training and exercises with regional allies and partners; and

(2) the United States should develop a multi-year strategic plan that specifies resource priorities to meet the objectives and the activities of the Initiative described in subsection (c) of such section 1251.

(b) REQUIREMENT AND RESOURCE PLAN.—Not later than March 1, 2019, the Secretary of Defense, in consultation with the Secretary of State, shall submit to the appropriate congressional committees a requirement and resource plan that includes the following:

(1) An analysis of the challenges faced by the United States to meet the objectives and activities outlined in subsection (c) of such section 1251.

(2) The plan, resource requirements, and any additional authorities needed through fiscal year 2024 to address such challenges.

(c) FORM.—The report required by subsection (b) shall be submitted in unclassified form but may include a classified annex.

(d) INCLUSION IN BUDGET MATERIALS.—The Secretary of Defense shall also include the requirement and resource plan required by subsection (b) in the budget materials submitted by the Secretary in support of the budget of the President for fiscal year 2020 (submitted to Congress pursuant to section 1105 of title 31, United States Code).

(e) CONFORMING AMENDMENT.—Section 1251 of the National Defense Authorization Act for Fiscal Year 2018 is amended by striking "Indo-Asia-Pacific" and inserting "Indo-Pacific" each place it appears.

(f) APPROPRIATE CONGRESSIONAL COMMITTEES DEFINED.—In this section, the term "appropriate congressional committees" means—

(1) the congressional defense committees; and

(2) the Committee on Foreign Relations of the Senate and the Committee on Foreign Affairs of the House of Representatives.

SEC. 1252. UNITED STATES STRATEGY ON CHINA.

(a) FINDINGS.—Congress finds the following:

(1) The United States has a national strategic interest in ensuring that the United States maintains political, diplomatic, economic, military, and technological advantages over competitive adversaries.

(2) The 2018 National Defense Strategy states that "the central challenge to the U.S. prosperity and security is the reemergence of long-term, strategic competition by what the National Security Strategy classifies as revisionist powers. It is increasingly clear that China and Russia want to shape a world consistent with their authoritarian model—gaining veto

authority over other nations' economic, diplomatic, and security decisions".

(3) The 2018 National Defense Strategy further states that "China is leveraging military modernization, influence operations, and predatory economics to coerce neighboring countries to reorder the Indo-Pacific region to their advantage. As China continues its economic and military ascendance, asserting power through an all-of-nation long term strategy, it will continue to pursue a military modernization program that seeks Indo-Pacific regional hegemony in the near-term and displacement of the United States to achieve global preeminence in the future".

(4) Statements by officials of the United States and leading experts have emphasized that the United States requires a whole-of-government response, across the full spectrum of capabilities, to address the challenges posed by China.

(b) STATEMENT OF POLICY.—Congress declares that long-term strategic competition with China is a principal priority for the United States that requires the integration of multiple elements of national power, including diplomatic, economic, intelligence, law enforcement, and military elements, to protect and strengthen national security.

(c) STRATEGY REQUIRED.—

(1) IN GENERAL.—Not later than March 1, 2019, the President shall submit to the appropriate congressional committees a report containing a whole-of-government strategy with respect to the People's Republic of China.

(2) ELEMENTS OF STRATEGY.—The strategy required by paragraph (1) shall include the following:

(A) Strategic assessments of and planned responses to address the following activities by the Chinese Communist Party:

(i) The use of political influence, information operations, censorship, and propaganda to undermine democratic institutions and processes, and the freedoms of speech, expression, press, and academic thought.

(ii) The use of intelligence networks to exploit open research and development.

(iii) The use of economic tools, including market access and investment to gain access to sensitive United States industries.

(iv) Malicious cyber activities.

(v) The use of investment, infrastructure, and development projects, such as China's Belt and Road Initiative, in Africa, Europe, Central Asia, South America, and

the Indo-Pacific region, and the Polar Silk Road in the Arctic, as a means to gain access and influence.

(vi) The use of military activities, capabilities, and defense installations, and hybrid warfare methods, short of traditional armed conflict, against the United States or its allies and partners.

(B) Available or planned methods to enhance strategic communication to counter Chinese influence and promote United States interests.

(C) An identification of the key diplomatic, development, intelligence, military, and economic resources necessary to implement the strategy.

(D) A plan to maximize the coordination and effectiveness of such resources to counter the threats posed by the activities described in subparagraph (A).

(E) Available or planned interagency mechanisms for the coordination and implementation of the strategy.

(3) FORM.—The report required by paragraph (1) shall be submitted in unclassified form, but may include a classified annex.

(4) ANNUAL BUDGET SUBMISSION.—The President shall ensure that the annual budget submitted to Congress pursuant to section 1105 of title 31, United States Code clearly highlights the programs and projects proposed to be funded that relate to the strategy required by paragraph (1).

(5) APPROPRIATE CONGRESSIONAL COMMITTEES.—In this section, the term "appropriage congressional committees" means—

(A) the Committee on Armed Services, the Committee on Foreign Relations, the Select Committee on Intelligence, the Committee on Finance, the Committee on Homeland Security and Governmental Affairs, the Committee on the Judiciary, the Committee on Commerce, Science, and Transportation, and the Committee on the Budget of the Senate; and

(B) the Committee on Armed Services, the Committee on Foreign Affairs, the Permanent Select Committee on Intelligence, the Committee on Financial Services, the Committee on Homeland Security, the Committee on the Judiciary, the Committee on Energy and Commerce, and the Committee on the Budget of the House of Representatives.

SEC. 1253. STRENGTHENING TAIWAN'S FORCE READINESS.

(a) DEFENSE ASSESSMENT.—The Secretary of Defense shall, in consultation with appropriate counterparts of Taiwan, conduct a comprehensive assessment of Taiwan's military forces, particularly Taiwan's reserves. The assessment shall provide recommendations to improve the efficiency, effectiveness, readiness, and resilience of Taiwan's self-defense capability in the following areas:

(1) Personnel management and force development, particularly reserve forces.

(2) Recruitment, training, and military programs.

(3) Command, control, communications and intelligence.

(4) Technology research and development.

(5) Defense article procurement and logistics.

(6) Strategic planning and resource management.

(b) REPORT REQUIRED.—

(1) IN GENERAL.—Not later than 1 year after the date of the enactment of this Act, the Secretary of Defense, in consultation with the Secretary of State, shall submit to the appropriate congressional committees a report containing each of the following:

(A) A summary of the assessment conducted pursuant to subsection (a).

(B) A list of any recommendations resulting from such assessment.

(C) A plan for the United States, including by using appropriate security cooperation authorities, to—

(i) facilitate any relevant recommendations from such list;

(ii) expand senior military-to-military engagement and joint training by the United States Armed Forces with the military of Taiwan; and

(iii) support United States foreign military sales and other equipment transfers to Taiwan, particularly for developing asymmetric warfare capabilities.

(2) APPROPRIATE SECURITY COOPERATION AUTHORITIES.—For purposes of the plan described in paragraph (1)(C), the term "appropriate security cooperation authorities" means—

(A) section 311 of title 10, United States Code (relating to exchange of defense personnel);

(B) section 332 such title (relating to defense institution building); and

(C) other security cooperation authorities under chapter 16 of such title.

(3) APPROPRIATE CONGRESSIONAL COMMITTEES.—In this subsection, the term "appropriate congressional committees" means—

(A) the congressional defense committees; and

(B) the Committee on Foreign Relations of the Senate and the Committee on Foreign Affairs of the House of Representatives.

SEC. 1254. MODIFICATION, REDESIGNATION, AND EXTENSION OF SOUTHEAST ASIA MARITIME SECURITY INITIATIVE.

(a) MODIFICATION AND REDESIGNATION.—

(1) IN GENERAL.—Subsection (a) of section 1263 of the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114–92; 129 Stat. 1073; 10 U.S.C. 2282 note), as amended by section 1289 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114–328; 130 Stat. 2555), is further amended—

(A) in paragraph (1), by striking "South China Sea" and inserting "South China Sea and Indian Ocean"; and

(B) in paragraph (2), by striking "the 'Southeast Asia Maritime Security Initiative'"

and inserting "the 'Indo-Pacific Maritime Security Initiative'".

(2) CONFORMING AMENDMENT.—The heading of such section is amended to read as follows:

"Sec. 1263. Indo-Pacific Maritime Security Initiative.".

(b) COVERED COUNTRIES.—Subsection (e)(2) of such section is amended by adding at the end the following:

"(D) India.".

(c) DESIGNATION OF ADDITIONAL COUNTRIES.—Such section is further amended—

(1) in subsection (e)(1), by striking "subsection (f)" and inserting "subsection (g)";

(2) by redesignating subsections (f), (g), and (h) as subsections (g), (h), and (i), respectively; and

(3) by inserting after subsection (e) the following:

"(f) INCLUSION OF ADDITIONAL COUNTRIES.—The Secretary of Defense, with the concurrence of the Secretary of State, is authorized to include additional foreign countries under subsection (b) for purposes of providing assistance and training under subsection (a) and additional foreign countries under subsection (e)(2) for purposes of providing payment of incremental expenses in connection with training described in subsection (a)(1)(B) if, with respect to each such additional foreign country, the Secretary determines and certifies to the appropriate committees of Congress that it is important for increasing maritime security

and maritime domain awareness in the Indo-Pacific region.".

(d) EXTENSION.—Subsection (i) of such section, as redesignated, is amended by striking "September 30, 2020" and inserting "September 30, 2023".

SEC. 1255. MISSILE DEFENSE EXERCISES IN THE INDO-PACIFIC REGION WITH UNITED STATES REGIONAL ALLIES AND PARTNERS.

(a) FINDINGS.—Congress finds the following:

(1) The Democratic People's Republic of Korea (North Korea) continues to develop, test, and threaten the use of intercontinental ballistic missiles and nuclear weapons that threaten the United States and United States allies and partners.

(2) The People's Republic of China and the Russian Federation continue to develop and deploy advanced counter-intervention technologies, including fielding and testing highly maneuverable reentry vehicles and warheads (such as hypersonic weapons), and cruise missiles and small-unmanned aircraft systems (UAS) that challenge United States strategic, operational, and tactical freedom of movement and maneuver.

(b) SENSE OF CONGRESS.—It is the sense of Congress that the United States should—

(1) continue to develop and deploy a robust missile defense in the Indo-Pacific region;

(2) increase the capacity of interceptors, sensors, and operational concepts in the region;

(3) continue bilateral and multilateral operationally realistic missile defense exercises in the region;

(4) increase coordination with United States regional allies and partners, including Japan, South Korea, Australia, India, and other countries, as appropriate;

(5) begin planning for military exercises in 2020 with United States regional allies and partners that is specifically focused on interoperability;

(6) integrate radar information from United States and allied Patriot, Terminal High Altitude Area Defense, Aegis, and other systems for region-wide command and control capabilities;

(7) increase the capacity of United States allies and partners through foreign military sales;

(8) seek increased areas of co-production for components of missile defense systems; and

(9) develop new capabilities to address threats to the region.

(c) MISSILE DEFENSE EXERCISES IN THE INDO-PACIFIC REGION.—The Secretary of Defense may conduct missile defense exercises in the Indo-Pacific region with United States regional allies and partners to improve interoperability.

(d) BRIEFING.—Not later than 120 days after the date of the enactment of this Act, the Secretary of Defense shall provide to the appropriate congressional committees a briefing on plans for missile defense exercises as described in subsection (c).

(e) APPROPRIATE CONGRESSIONAL COMMITTEES DEFINED.—In this section, the term "appropriate congressional committees" means—

(1) the congressional defense committees; and

(2) the Committee on Foreign Relations of the Senate and the Committee on Foreign Affairs of the House of Representatives.

SEC. 1256. QUADRILATERAL COOPERATION AND EXERCISE.

(a) SENSE OF CONGRESS.—It is the sense of Congress that the United States, Japan, India, and Australia should—

(1) promote security and stability in the Indo-Pacific region;

(2) increase quadrilateral meetings to discuss and strengthen interoperability of their respective military and naval forces;

(3) plan joint quadrilateral military patrols and exercises;

(4) promote the values of a free and open Indo-Pacific region and address themes such as respect for international law, maritime security, nonproliferation, and terrorism in the region;

(5) explore joint regional infrastructure initiatives in the region;

(6) engage in maritime capacity building among smaller Indo-Pacific countries;

(7) develop new capabilities to deter and defend against threats to the region; and

(8) support regional institutions and bodies, including the Association of Southeast Asian Nations Regional Forum, to increase regional cooperation with respect to maritime security and domain awareness and to promote internationally accepted rules and norms.

(b) EXERCISE.—The Secretary of Defense may conduct a quadrilateral naval military exercise.

(c) BRIEFING.—Not later than 120 days after the date of the enactment of this Act, the Secretary of Defense shall

provide to the appropriate congressional committees a briefing on the matters contained in this section.

(d) APPROPRIATE CONGRESSIONAL COMMITTEES DEFINED.—In this section, the term "appropriate congressional committees" means—

(1) the congressional defense committees; and

(2) the Committee on Foreign Relations of the Senate and the Committee on Foreign Affairs of the House of Representatives.

SEC. 1257. NAME OF UNITED STATES INDO-PACIFIC COMMAND.

(a) IN GENERAL.—The combatant command known as the United States Pacific Command shall, beginning on January 1, 2020, be known as the "United States Indo-Pacific Command". Any reference to such combatant command in any law, regulation, map, document, record, or other paper of the United States shall be considered to be a reference to the United States Indo-Pacific Command.

(b) CONFORMING AMENDMENTS.—

(1) ANNUAL REPORT ON NON-FEDERALIZED SERVICE NATIONAL GUARD PERSONNEL, TRAINING, AND EQUIPMENT REQUIREMENTS.—Section 10504 of title 10, United States Code, as amended by section 1071(a)(31), is further amended in subsection (c), as redesignated by such section, in paragraph (3)(H) by

striking "United States Pacific Command" and inserting "United States Indo-Pacific Command".

(2) CONTRACTING WITH THE ENEMY.—Section 843(4) of the Carl Levin and Howard P. "Buck" McKeon National Defense Authorization Act for Fiscal Year 2015 (Public Law 113–291; 10 U.S.C. 2302 note) is amended by striking "United States Pacific Command" and inserting "United States Indo-Pacific Command".

SEC. 1258. REQUIREMENT FOR CRITICAL LANGUAGES AND EXPERTISE IN CHINESE, KOREAN, AND RUSSIAN.

Not later than 180 days after the date of the enactment of this Act, the Secretary of Defense shall—

(1) evaluate the operational requirements for members of the Armed Forces possessing foreign language expertise in critical East Asian languages, including Chinese, Korean, and Russian; and

(2) submit to the congressional defense committees a plan to address any shortfalls in these critical areas.

SEC. 1259. MODIFICATION OF REPORT REQUIRED UNDER ENHANCING DEFENSE AND SECURITY COOPERATION WITH INDIA.

Subsection (a)(2) of section 1292 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114–328; 130 Stat. 2559; 22 U.S.C. 2751 note) is amended—

(1) by striking "Not later than" and inserting the following:

"(1) IN GENERAL.—Not later than";

(2) by striking "The report shall also include a forward-looking strategy" and inserting the following:

"(2) CONTENTS.—The report shall also include—

"(A) a forward-looking strategy";

(3) by striking the period at the end and inserting a semicolon; and

(4) by adding at the end the following:

"(B) a description of any limitations that hinder or slows progress in implementing the actions described in subparagraphs (A) through (L) of paragraph (1);

"(C) a description of actions India is taking, or the actions the Secretary of Defense or the Secretary of State believe India should take, to advance the relationship between the United

States and in regards to subparagraphs (A) through (L) of paragraph (1); and

"(D) a description of—

"(i) measures that can be taken by the United States and India to improve interoperability; and

"(ii) progress in enabling agreements between the United States and India.".

SEC. 1260. STATEMENT OF POLICY ON NAVAL VESSEL TRANSFERS TO JAPAN.

It shall be the policy of the United States to support maritime defense cooperation with Japan, including through the transfer of excess United States naval vessels to the Japanese Maritime Self-Defense Force. Such transfers should include capabilities such as those represented by the Tarawa class amphibious assault ship, the Austin class amphibious transport dock, and the Charleston class amphibious cargo ship.

SEC. 1261. REPORT AND PUBLIC NOTIFICATION ON CHINA'S MILITARY, MARITIME, AND AIR ACTIVITIES IN THE INDO-PACIFIC REGION.

(a) SENSE OF CONGRESS.—It is the sense of Congress that greater transparency of China's provocative military, maritime, and air activities in the Indo-Pacific region would—

(1) aid in raising awareness of these activities in regional and international forums;

(2) enable regional security partners to more effectively protect their sovereignty and defend their rights under international law; and

(3) maintain stability within the region to enable constructive relations with China.

(b) REPORT.—

(1) IN GENERAL.—The Secretary of Defense, in consultation with the Director of National Intelligence and the Secretary of State, shall submit to the appropriate congressional committees on a quarterly basis a report describing China's provocative military, maritime, and air activities in the Indo-Pacific region.

(2) ELEMENTS.—The report shall, at minimum, address China's provocative military, maritime, and air activities, military deployments, and operations and infrastructure construction in the East China Sea, South China Sea, Taiwan Strait, and Indian Ocean.

(3) DISSEMINATION TO REGIONAL ALLIES.—The report shall be disseminated to regional allies and partners, as appropriate, in the Indo-Pacific region.

(4) IMAGERY AND SUPPORTING ANALYSIS.—The report may include imagery from military aircraft and other sources with supporting analysis to describe China's provocative maritime and air activities.

(5) FORM.—The report shall be available to the public and shall be submitted or carried out in unclassified form.

(c) PUBLIC NOTIFICATION.—

(1) IN GENERAL.—The Secretary of Defense, in consultation with the Director of National Intelligence and the Secretary of State, shall provide notice to the public of any activities described in paragraph (2) immediately after the initiation of any such activities.

(2) ACTIVITIES DESCRIBED.—The activities described in this paragraph are any significant destabilizing or deceptive activities of China, including reclamation or militarization activity in the Indo-Pacific region, use of military, government, or commercial aircraft or maritime vessels to intimidate regional neighbors.

(3) WRITTEN SUMMARY.—As soon as practicable after the notification to the public under paragraph (1) of any activities described in paragraph (2), the Secretary of Defense shall distribute to the appro-

priate congressional committees and United States allies and security partners in the Indo-Pacific region a written summary to include imagery and supporting analysis describing such activities.

(d) REQUIREMENTS RELATING TO NATIONAL SECURITY AND PROTECTION OF CLASSIFIED NATIONAL SECURITY INFORMATION.—The dissemination and availability of the report under subsection (b) and the notification to the public under subsection (c) shall be made in a manner consistent with national security and the protection of classified national security information.

(e) APPROPRIATE CONGRESSIONAL COMMITTEES DEFINED.—In this section, the term "appropriate congressional committees" means—

(1) the congressional defense committees; and

(2) the Committee on Foreign Relations and the Select Committee on Intelligence of the Senate and the Committee on Foreign Affairs and the Permanent Select Committee on Intelligence of the House of Representatives.

SEC. 1262. SENIOR DEFENSE ENGAGEMENT WITH TAIWAN.

(a) FINDING.—The Taiwan Travel Act (Public Law 115–135; 132 Stat. 341) states that it should be the policy of the United States to allow officials at all levels of the United States government, including Cabinet-level national

security officials, general officers, and other executive branch officials, to travel to Taiwan to meet their Taiwan counterparts.

(b) SENSE OF CONGRESS.—Pursuant to the policy described in the Taiwan Travel Act, the Secretary of Defense should send a Secretary of a military department or a member of the Joint Chiefs of Staff to Taiwan for the purpose of senior-level defense engagement.

(c) BRIEFING.—Not later than 60 days after the date of the enactment of this Act, the Secretary of Defense, in consultation with the Secretary of State, shall brief the congressional defense committees, the Committee on Foreign Relations of the Senate, and the Committee on Foreign Affairs of the House of Representatives on any plans of the Department to carry out senior-level defense engagement.

SEC. 1263. LIMITATION ON USE OF FUNDS TO REDUCE THE TOTAL NUMBER OF MEMBERS OF THE ARMED FORCES SERVING ON ACTIVE DUTY WHO ARE DEPLOYED TO THE REPUBLIC OF KOREA.

None of the funds authorized to be appropriated by this Act may be used to reduce the total number of members of the Armed Forces serving on active duty who are deployed to the Republic of Korea below 22,000 unless the Secretary of Defense first certifies to the congressional defense committees that such a reduction is in the national security

interest of the United States and will not significantly undermine the security of United States allies in the region.

SEC. 1264. ENHANCING MISSILE DEFENSE COOPERATION WITH PARTNERS.

(a) SENSE OF CONGRESS.—It is the sense of Congress that the Secretary of Defense should seek opportunities to increase defense coordination and cooperation with United States partners with respect to missile defense.

(b) MODIFICATION OF DEFENSE COOPERATION AUTHORITY WITH INDIA.—Section 1292(a)(1) of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114–328; 130 Stat. 2559; 22 U.S.C. 2751 note), as amended by section 1258(a) of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115–91; 131 Stat. 1683), is further amended—

(1) in subparagraph (K), by striking "and" at the end;

(2) in subparagraph (L), by striking the period at the end and inserting "; and"; and

(3) by adding at the end the following new subparagraph:

"(M) develop closer defense cooperation with India on matters relating to missile defense.".

Subtitle F—Other Matters

SEC. 1271. REPORT ON STATUS OF THE UNITED STATES RELATIONSHIP WITH THE REPUBLIC OF TURKEY.

(a) FINDINGS.—Congress finds the following:

(1) The United States–Republic of Turkey relationship, over the past year, has become increasingly strained due to several provocative actions taken by the Government of Turkey.

(2) The potential purchase by the Government of Turkey of the S-400 air and missile defense system from the Russian Federation has led to tension with the relationship.

(3) These actions could negatively impact common weapon system development between the United States and Turkey.

(4) These actions could exacerbate current North Atlantic Treaty Organization (NATO) interoperability challenges with respect to common military architecture and information sharing.

(5) These actions could impact current bilateral agreements between the United States and Turkey.

(b) REPORT REQUIRED.—

(1) IN GENERAL.—Not later than 60 days after the date of the enactment of this Act, the Secretary of

Defense, in consultation with the Secretary of State, shall submit to the appropriate congressional committees a report on the status of the United States relationship with the Republic of Turkey.

(2) MATTERS TO BE INCLUDED.—The report required under this subsection shall include the following:

(A) An assessment of United States military and diplomatic presence in Turkey, including all military activities conducted from Incirlik Air Base or elsewhere.

(B) An assessment of the potential purchase by the Government of Turkey of the S-400 air and missile defense system from the Russian Federation and the potential effects of such purchase on the United States-Turkey bilateral relationship, including an assessment of impacts on other United States weapon systems and platforms operated jointly with Turkey to include—

(i) the F-35 Lightning II Joint Strike aircraft, to include co-production;

(ii) the Patriot surface-to-air missile system;

(iii) the CH-47 Chinook heavy lift helicopter;

(iv) the AH-1 Attack helicopter;

(v) the H-60 Black Hawk utility helicopter; and

(vi) the F-16 Fighting Falcon aircraft.

(C) An identification of potential alternative air and missile defense systems that could be purchased by the Government of Turkey, including United States and other NATO member state military air defense artillery systems.

(3) FORM.—The report required under this subsection shall be submitted in unclassified form, but may include a classified annex.

(c) LIMITATION.—The Secretary of Defense may not take any action to execute delivery of a foreign military sale for major defense equipment subject to congressional notification under section 36 of the Arms Export Control Act (22 U.S.C. 2778) (made under a letter of offer issued under the authority of the Arms Export Control Act before the date of the enactment of this Act) to the Republic of Turkey until the Secretary submits to the appropriate congressional committees the report required under subsection (b).

(d) APPROPRIATE CONGRESSIONAL COMMITTEES DEFINED.—In this section, the term "appropriate congressional committees" means—

(1) the congressional defense committees; and

(2) the Committee on Foreign Relations of the Senate and Committee on Foreign Affairs of the House of Representatives.

SEC. 1272. SENSE OF CONGRESS ON UNITY OF GULF COOPERATION COUNCIL MEMBER COUNTRIES.

It is the sense of Congress that—

(1) the member countries of the Gulf Cooperation Council (GCC) are important security cooperation partners of the United States;

(2) the unity of GCC member countries is critical to facing growing threats from Iran; and

(3) timely normalization of diplomatic, security, and economic relationships among GCC member countries is in the best interest of the United States.

SEC. 1273. REPORT ON UNITED STATES GOVERNMENT POLICE TRAINING AND EQUIPPING PROGRAMS FOR MEXICO.

(a) REPORT REQUIRED.—Not later than July 1, 2019, the President shall submit to the appropriate congressional committees a report on United States Government police training and equipping programs for Mexico.

(b) ELEMENTS.—The report required under subsection (a) shall include the following:

(1) A list of all United States Government departments and agencies involved in implementing the programs.

(2) A description of the scope, size, and components of the programs for fiscal years 2017 and 2018, to include for each such program—

(A) the types of units receiving such assistance, including national police, gendarmerie, counternarcotics police, counterterrorism police, Formed Police Units, border security, and customs;

(B) the purpose and objectives of the program;

(C) the funding and personnel levels for the program in each such fiscal year;

(D) the authority under which the program is conducted;

(E) the name of the United States Government department or agency with lead responsibility for the program and the mechanisms for oversight of the program;

(F) the extent to which the program is implemented by contractors or United States Government personnel; and

(G) the metrics for measuring the results of the program and an assessment of the impact achieved from the program.

(3) An assessment of the requirements for the programs, and what changes, if any, are required to improve the capacity of the United States Government to meet such requirements.

(4) An evaluation of the appropriate role of United States Government departments and agencies in carrying out and coordinating the programs.

(5) An evaluation of the appropriate role of contractors in carrying out the programs, and what modifications, if any, are needed to improve oversight of such contractors.

(6) Recommendations for legislative modifications, if any, to existing authorities relating to the programs.

(c) APPROPRIATE CONGRESSIONAL COMMITTEES.—In this section, the term "appropriate congressional committees" means—

(1) the congressional defense committees; and

(2) the Committee on Foreign Relations, the Committee on Homeland Security and Governmental Affairs, and the Committee on the Judiciary of the Senate and the Committee on Foreign Affairs, the

Committee on Homeland Security, and the Committee on the Judiciary of the House of Representatives.

SEC. 1274. AUTHORITY TO INCREASE ENGAGEMENT AND MILITARY-TO-MILITARY COOPERATION WITH WESTERN BALKANS COUNTRIES.

(a) IN GENERAL.—The Secretary of Defense is authorized to increase engagement and military-to-military cooperation with Western Balkans countries under the authorities of chapter 16 of title 10, United States Code.

(b) DEFINITION.—In this section, the term "Western Balkans countries" means—

(1) Serbia;

(2) Bosnia and Herzegovina;

(3) Kosovo; and

(4) Macedonia.

SEC. 1275. TECHNICAL CORRECTIONS RELATING TO DEFENSE SECURITY COOPERATION STATUTORY REORGANIZATION.

(a) CHAPTER REFERENCES.—The following provisions of law are amended by striking "chapter 15" and inserting "chapter 13":

(1) Section 886(a)(5) of the Homeland Security Act of 2002 (6 U.S.C. 466(a)(5)).

(2) Section 332(a)(1) of the Consolidated Farm and Rural Development Act (7 U.S.C. 1982(a)(1)).

(3) Section 101(a)(13)(B) of title 10, United States Code.

(4) Section 115(i)(6) of title 10, United States Code.

(5) Section 12304(c)(1) of title 10, United States Code.

(6) Section 484C(c)(3)(C)(v)) of the Higher Education Act of 1965 (20 U.S.C. 1091c(c)(3)(C)(v)).

(b) SECTION REFERENCES.—(1) Title 10, United States Code, is amended—

(A) in section 386(c)(1), by striking "Sections 311, 321, 331, 332, 333," and inserting "Sections 246, 251, 252, 253, 321,"; and

(B) in section 10541(b)(9) in the matter preceding subparagraph (A), by striking "sections 331, 332, 333," and inserting "sections 251, 252, 253,".

(2) Section 484C(c)(3)(C)(i)) of the Higher Education Act of 1965 (20 U.S.C. 1091c(c)(3)(C)(i)) is amended by striking "section 331, 332," and inserting "section 251, 252,".

(c) OTHER TECHNICAL CORRECTIONS.—(1) Chapter 16 of title 10, United States Code, is amended—

(A) in section 311(a)(3), by striking "Secretary to State" and inserting "Secretary of State";

(B) in section 321(e), by striking "calender" each place it appears and inserting "calendar";

(C) in the table of sections at the beginning of subchapter V of such chapter, by striking the item relating to section 342 and inserting the following:

"342. Regional Centers for Security Studies.";

(D) in section 347—

(i) in the heading of subsection (a)(7), by striking "ETC." and inserting "ETC"; and

(ii) in the heading of subsection (b)(3)(B), by striking "ETC." and inserting "ETC"; and

(E) in section 385(d)(1)(B), by striking "include" and inserting "including".

(2) Section 1204(b) of the Carl Levin and Howard P. "Buck" McKeon National Defense Authorization Act for Fiscal Year 2015 (Public Law 113–291; 10 U.S.C. 362 note) is amended—

(A) in paragraph (1), by striking "section 2249e" each place it appears and inserting "section 362"; and

(B) in paragraph (3), by striking "section 2249e" and inserting "section 301(1)".

SEC. 1276. UNITED STATES-ISRAEL COUNTERING UNMANNED AERIAL SYSTEMS COOPERATION.

Section 1279(a) of the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114–92; 22 U.S.C.

8606 note), as most recently amended by section 1278 of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115–91; 131 Stat. 1700), is further amended—

(1) by inserting "and capabilities for countering unmanned aerial systems" after "anti-tunnel capabilities"; and

(2) by inserting "and unmanned aerial systems" after "underground tunnels".

SEC. 1277. THREE-YEAR EXTENSION OF AUTHORIZATION OF NON-CONVENTIONAL ASSISTED RECOVERY CAPABILITIES.

Section 943(g) of the National Defense Authorization Act for Fiscal Year 2009 (Public Law 110–417; 122 Stat. 4579), as most recently amended by section 1051(n) of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115–91; 131 Stat. 1564), is further amended by striking "2021" and inserting "2024".

SEC. 1278. REVISION OF STATUTORY REFERENCES TO FORMER NATO SUPPORT ORGANIZATIONS AND RELATED NATO AGREEMENTS.

Section 2350d of title 10, United States Code, is amended—

(1) by striking "NATO Support Organization" each place it appears and inserting "NATO Support and Procurement Organization";

(2) by striking "Support Partnership Agreement" each place it appears and inserting "Support or Procurement Partnership Agreement";

(3) in subsection (a)(1), by striking "Support Partnership Agreements" and inserting "Support or Procurement Partnership Agreements"; and

(4) in subsection (b)(1), by striking "in Europe".

SEC. 1279. SENSE OF THE CONGRESS CONCERNING MILITARY-TO-MILITARY DIALOGUES.

It is the sense of Congress that—

(1) military-to-military dialogues, including in the case of allies, partners, and adversaries and potential adversaries, can be a useful and important tool for advancing United States national security objectives in a complex, interactive, and dynamic security environment;

(2) frameworks for military-to-military dialogues should be flexible and adaptable to such a security environment and should be informed by national security guidance, such as the 2017 National Security Strategy and the 2018 National Defense Strategy; and

(3) military-to-military dialogues can and should be reliable, enduring, and tailorable based on circumstance, so that such dialogues can be trusted and available when needed, particularly amid escalating tensions.

SEC. 1280. MODIFICATIONS TO GLOBAL ENGAGEMENT CENTER.

Section 1287 of the National Defense Authorization Act for Fiscal Year 2017 (22 U.S.C. 2656 note) is amended—

(1) by amending paragraph (2) of subsection (a) to read as follows:

"(2) PURPOSE.—The purpose of the Center shall be to direct, lead, synchronize, integrate, and coordinate efforts of the Federal Government to recognize, understand, expose, and counter foreign state and non-state propaganda and disinformation efforts aimed at undermining or influencing the policies, security, or stability of the United States and United States allies and partner nations.";

(2) in subsection (b)—

(A) by amending paragraph (1) to read as follows:

"(1) Direct, lead, synchronize, integrate, and coordinate interagency and international efforts to

track and evaluate counterfactual narratives abroad that threaten the policies, security, or stability of the United States and United States allies and partner nations.";

(B) by amending paragraph (4) to read as follows:

"(4) Identify current and emerging trends in foreign propaganda and disinformation in order to coordinate and shape the development of tactics, techniques, and procedures to expose and refute foreign propaganda and disinformation, and pro-actively support the promotion of credible, fact-based narratives and policies to audiences outside the United States.";

(C) by redesignating paragraphs (6) through (10) as paragraphs (7) through (11), respectively;

(D) by inserting after paragraph (5) the following new paragraph:

"(6) Measure and evaluate the activities of the Center, including the outcomes of such activities, and implement mechanisms to ensure that the activities of the Center are updated to reflect the results of such measurement and evaluation."; and

(E) by amending paragraph (8), as so redesignated, to read as follows:

"(8) Use information from appropriate interagency entities to identify the countries, geographic areas, and populations most susceptible to propaganda and disinformation, as well as the countries, geographic areas, and populations in which such propaganda and disinformation is likely to cause the most harm.";

(3) in subsection (d), by amending paragraphs (1) and (2) to read as follows:

"(1) DETAILEES AND ASSIGNEES.—Any Federal Government employee may be detailed or assigned to the Center with or without reimbursement, consistent with applicable laws and regulations regarding such employee, and such detail or assignment shall be without interruption or loss of status or privilege.

"(2) OTHER PERSONNEL.—The Secretary of State should, when hiring additional United States citizen personnel, preference use of Foreign Service limited appointments in accordance with section 309 of the Foreign Service Act of 1980 (22 U.S.C. 3949). The Secretary may hire United States citizens or aliens, as appropriate, including as personal services

contractors, for purposes of personnel resources of the Center, if—

"(A) the Secretary determines that existing personnel resources or expertise are insufficient;

"(B) the period in which services are provided by a personal services contractor, including options, does not exceed 3 years, unless the Secretary determines that exceptional circumstances justify an extension of up to one additional year;

"(C) not more than 50 United States citizens or aliens are employed as personal services contractors under the authority of this paragraph at any time; and

"(D) the authority of this paragraph is only used to obtain specialized skills or experience or to respond to urgent needs.";

(4) in subsection (e), by amending paragraphs (1) and (2) to read as follows:

"(1) IN GENERAL.—For each of fiscal years 2019 and 2020, the Secretary of Defense is authorized to transfer, from amounts appropriated to the Secretary pursuant to the authorization under this Act, to the Secretary of State not more than $60,000,000, to carry out the functions of the Center.

"(2) NOTICE REQUIREMENT.—The Secretary of Defense shall notify the Committee on Armed Services, the Committee on Appropriations, and the Committee on Foreign Relations of the Senate and the Committee on Armed Services, the Committee on Appropriations, the Committee on Foreign Affairs, and the Committee on Oversight and Government Reform of the House of Representatives of a proposed transfer under paragraph (1) not less than 15 days prior to making such transfer.";

(5) in subsection (f), by amending paragraphs (1) and (2) to read as follows:

"(1) AUTHORITY FOR GRANTS.—The Center is authorized to provide grants or contracts of financial support to civil society groups, media content providers, nongovernmental organizations, federally funded research and development centers, private companies, or academic institutions for the following purposes:

"(A) To support local entities and linkages among such entities, including independent media entities, that are best positioned to refute foreign propaganda and disinformation in affected communities.

"(B) To collect and store examples of print, online, and social media disinformation and propaganda directed at the United States or United States allies and partner nations.

"(C) To analyze and report on tactics, techniques, and procedures of foreign information warfare and other efforts with respect to disinformation and propaganda.

"(D) To support efforts by the Center to counter efforts by foreign entities to use disinformation and propaganda to undermine or influence the policies, security, and social and political stability of the United States and United States allies and partner nations.

"(2) FUNDING AVAILABILITY AND LIMITATIONS.—The Secretary of State shall provide that each entity that receives funds under this subsection is selected in accordance with the relevant existing regulations through a process that ensures such entity has the credibility and capability to carry out effectively and in accordance with United States interests and objectives the purposes specified in paragraph (1) for which such entity received such funding.";

(6) by redesignating subsections (h) and (i) as subsections (i) and (j), respectively; and

(7) by inserting after subsection (g) the following new subsection:

"(h) CONGRESSIONAL BRIEFINGS.—The Secretary of State, together with the heads of other relevant Federal departments and agencies, shall provide a briefing to the Committee on Armed Services, the Committee on Appropriations, and the Committee on Foreign Relations of the Senate and the Committee on Armed Services, the Committee on Appropriations, the Committee on Foreign Affairs, and the Committee on Oversight and Government Reform of the House of Representatives not less often than annually regarding the activities of the Global Engagement Center. The briefings required under this subsection shall terminate on the date specified in subsection (j).".

SEC. 1281. REPORT ON ACQUISITION AND CROSS-SERVICING AGREEMENTS.

(a) IN GENERAL.—Not later than 30 days after entering into a cross-servicing agreement under section 2342 of title 10, United States Code, with a country or organization referred to in subsection (a)(1) of such section, and every 180 days thereafter for such period of time as the agreement remains in effect, the Secretary of Defense shall submit to the Committee on Armed Services of the Senate and the Committee on Armed Services of the House of Representatives a report with respect to the agreement.

(b) MATTERS TO BE INCLUDED.—The report required under subsection (a) shall include the following:

(1) The type of country or organization referred to in subsection (a)(1) of section 2342 of title 10, United States Code, with respect to which the Secretary of Defense entered into the agreement.

(2) The date on which the agreement was entered into under such section 2342.

(3) A description of the logistic support, supplies, and services to be provided to the military forces of the country or organization and any other transactions associated with the agreement.

(4) The estimated dollar value of support provided by the United States under the agreement.

(5) A copy of the agreement, including all appendices.

(6) An assessment as to whether or not the agreement is in United States national security interests.

(7) The end date of the agreement.

(c) FORM.—The report required under subsection (a) shall be submitted in unclassified form but may contain a classified annex.

SEC. 1282. PROHIBITION ON PROVISION OF WEAPONS AND OTHER FORMS OF SUPPORT TO CERTAIN ORGANIZATIONS.

None of the funds authorized to be appropriated by this Act or otherwise made available to the Department of Defense for fiscal year 2019 may be used to provide weapons or any other form of support to—

(1) Al Qaeda, the Islamic State of Iraq and Syria (ISIS), Jabhat Fateh al Sham, or any individual or group affiliated with any such organization; and

(2) any other entity that the Secretary of Defense determines may trade or sell arms to terrorist organizations.

SEC. 1283. CERTIFICATION AND AUTHORITY TO TERMINATE FUNDING FOR ACADEMIC RESEARCH RELATING TO FOREIGN TALENT PROGRAMS.

(a) PLAN REQUIRED.—Not later than 180 days after the date of the enactment of this Act, and with respect to funds authorized to be appropriated or otherwise made available by this Act, the Secretary of Defense shall submit to the congressional defense committees a plan to implement the certification requirement described in subsection (b) to ensure that applicants seeking such funds for educational or academic training or research verify that such funds shall not be made available to any individual who has par-

ticipated in or is currently participating in a foreign talent or expert recruitment program of a country listed in subsection (d).

(b) CERTIFICATION REQUIREMENT FOR FUNDING.—Beginning not later than 1 year after the date of the enactment of this Act and with respect to funds authorized to be appropriated or otherwise made available by this Act, the Secretary of Defense shall require each applicant seeking such funds for educational or academic training and research, including at institutions of higher education (as defined in section 101 of the Higher Education Act of 1965 (20 U.S.C. 1001)), policy institutes, federal laboratories, or research institutes, to include with the application a certification that none of the funds received by such applicant shall be made available to any individual who has participated in or is currently participating in a foreign talent or expert recruitment program of a country listed in subsection (d).

(c) AUTHORITY TO TERMINATE FUNDING.—Beginning 1 year after the date of the enactment of this Act, the Secretary of Defense may terminate existing funding of, or prohibit the award of future funding to, a current recipient if such recipient is unable to provide the certification described in subsection (b) with respect to such existing funding.

(d) COUNTRIES LISTED.—The countries listed in this subsection are the following:

(1) The People's Republic of China.

(2) The Democratic People's Republic of Korea.

(3) The Russian Federation.

(4) The Islamic Republic of Iran.

SEC. 1284. SENSE OF CONGRESS ON SUPPORT FOR GEORGIA.

(a) FINDINGS.—Congress finds the following:

(1) Georgia is a valued friend of the United States and has repeatedly demonstrated its commitment to advancing the mutual interests of both countries, including the deployment of Georgian forces as part of the International Security Assistance Force (ISAF) led by the North Atlantic Treaty Organization (NATO) in Afghanistan and the Multi-National Force in Iraq.

(2) The European Deterrence Initiative builds the partnership capacity of Georgia so it can work more closely with the United States and NATO, as well as provide for its own defense.

(3) In addition to the European Deterrence Initiative, Georgia's participation in the NATO initiative Partnership for Peace is paramount to interoper-

ability with the United States and NATO, and establishing a more peaceful environment in the region.

(4) Despite the losses suffered, as a NATO partner of ISAF, Georgia is committed to the Resolute Support Mission in Afghanistan with the fourth-largest contingent on the ground.

(b) SENSE OF CONGRESS.—Congress—

(1) reaffirms United States support for Georgia's sovereignty and territorial integrity within its internationally-recognized borders, and does not recognize the independence of the Abkhazia and South Ossetia regions currently occupied by the Russian Federation; and

(2) supports continued cooperation between the United States and Georgia and the efforts of the Government of Georgia to provide for the defense of its people and sovereign territory.

SEC. 1285. SENSE OF CONGRESS ON SUPPORT FOR ESTONIA, LATVIA, AND LITHUANIA.

(a) FINDINGS.—Congress finds the following:

(1) The Baltic countries of Estonia, Latvia, and Lithuania are highly valued allies of the United States, and they have repeatedly demonstrated their commitment to advancing our mutual interests as well as those of the NATO Alliance.

(2) Operation Atlantic Resolve is a series of exercises and coordinating efforts demonstrating the United States' commitment to its European partners and allies, including the Baltic countries of Estonia, Latvia, and Lithuania, with the shared goal of peace and stability in the region. Operation Atlantic Resolve strengthens communication and understanding, and is an important effort to deter Russian aggression in the region.

(3) Through Operation Atlantic Resolve, the European Deterrence Initiative undertakes exercises, training, and rotational presence necessary to reassure and integrate our allies, including the Baltic countries, into a common defense framework.

(4) All three Baltic countries contributed to the NATO-led International Security Assistance Force in Afghanistan, sending troops and operating with few caveats. The Baltic countries continue to commit resources and troops to the Resolute Support Mission in Afghanistan.

(b) SENSE OF CONGRESS.—Congress—

(1) reaffirms its support for the principle of collective defense in Article 5 of the North Atlantic Treaty for our NATO allies, including Estonia, Latvia, and Lithuania;

(2) supports the sovereignty, independence, territorial integrity, and inviolability of Estonia, Latvia, and Lithuania as well as their internationally recognized borders, and expresses concerns over increasingly aggressive military maneuvering by the Russian Federation near their borders and airspace;

(3) expresses concern over and condemns subversive and destabilizing activities by the Russian Federation within the Baltic countries; and

(4) encourages the Administration to further enhance defense cooperation efforts with Estonia, Latvia, and Lithuania and supports the efforts of their Governments to provide for the defense of their people and sovereign territory.

SEC. 1286. REPORT ON UNITED STATES STRATEGY IN YEMEN.

Not later than February 1, 2019, the Secretary of Defense shall submit to the congressional defense committees a report describing the strategy of the United States Armed Forces with respect to Yemen that includes a description of—

(1) the activities that the United States Armed Forces are currently undertaking in Yemen;

(2) the costs associated with the involvement of the United States Armed Forces in Yemen, including

costs relating to counterterrorism activities, refueling missions, or other military activities;

(3) the key United States military interests, objectives, long-term goals, and end-states for Yemen;

(4) indicators for the effectiveness of United States military efforts to achieve such interests, objectives, goals, or end-states;

(5) how current United States military efforts in Yemen align with such objectives;

(6) the estimated annual resources required through fiscal year 2022 for the United States Armed Forces to achieve such objectives;

(7) the current legal authorities supporting United States military efforts in Yemen; and

(8) any other matters the Secretary determines to be relevant.

SEC. 1287. REPORT ON HIZBALLAH.

(a) IN GENERAL.—Not later than 90 days after enactment of this Act, the President shall provide to the appropriate congressional committees a report on Hizballah. Such report shall include each of the following:

(1) An accounting of Hizballah's known rocket arsenal.

(2) An evaluation of the impact of the United Nations Interim Force in Lebanon mandate.

(3) An evaluation of the tactical and strategic capabilities of Hizballah, including such capabilities related to defense.

(4) A detailed description of the known supply routes used in the illegal procurement of weapons for Hizballah.

(5) An estimate of companies and other entities that support Hizballah's network.

(6) An assessment of the effects of the interference of Hizballah in conflicts throughout the Middle East region.

(7) An assessment of how Hizballah raises, holds, and spends funds in territories where United Nations Interim Force in Lebanon operates.

(b) APPROPRIATE CONGRESSIONAL COMMITTEES.—In this section, the term "appropriate congressional committees" means—

(1) the Committees on Armed Services of the Senate and House of Representatives;

(2) the Committee on Foreign Affairs of the House of Representatives;

(3) the Committee on Foreign Relations of the Senate;

(4) the Permanent Select Committee on Intelligence of the House of Representatives; and

(5) the Select Committee on Intelligence of the Senate.

TITLE XIII—COOPERATIVE THREAT REDUCTION

SEC. 1301. FUNDING ALLOCATIONS.

Of the $335,240,000 authorized to be appropriated to the Department of Defense for fiscal year 2019 in section 301 and made available by the funding table in division D for the Department of Defense Cooperative Threat Reduction Program established under section 1321 of the Department of Defense Cooperative Threat Reduction Act (50 U.S.C. 3711), the following amounts may be obligated for the purposes specified:

(1) For strategic offensive arms elimination, $2,823,000.

(2) For chemical weapons destruction, $5,446,000.

(3) For global nuclear security, $29,001,000.

(4) For cooperative biological engagement, $197,585,000.

(5) For proliferation prevention, $74,937,000.

(6) For activities designated as Other Assessments/Administrative Costs, $25,448,000.

SEC. 1302. SPECIFICATION OF COOPERATIVE THREAT REDUCTION FUNDS.

Funds appropriated pursuant to the authorization of appropriations in section 301 and made available by the funding table in division D for the Department of Defense Cooperative Threat Reduction Program shall be available for obligation for fiscal years 2019, 2020, and 2021.

TITLE XIV—OTHER AUTHORIZATIONS

Subtitle A—Military Programs

SEC. 1401. WORKING CAPITAL FUNDS.

Funds are hereby authorized to be appropriated for fiscal year 2019 for the use of the Armed Forces and other activities and agencies of the Department of Defense for providing capital for working capital and revolving funds, as specified in the funding table in section 4501.

SEC. 1402. CHEMICAL AGENTS AND MUNITIONS DESTRUCTION, DEFENSE.

(a) AUTHORIZATION OF APPROPRIATIONS.—Funds are hereby authorized to be appropriated for the Department of Defense for fiscal year 2019 for expenses, not otherwise provided for, for Chemical Agents and Munitions Destruction, Defense, as specified in the funding table in section 4501.

(b) USE.—Amounts authorized to be appropriated under subsection (a) are authorized for—

(1) the destruction of lethal chemical agents and munitions in accordance with section 1412 of the Department of Defense Authorization Act, 1986 (50 U.S.C. 1521); and

(2) the destruction of chemical warfare materiel of the United States that is not covered by section 1412 of such Act.

SEC. 1403. DRUG INTERDICTION AND COUNTER-DRUG ACTIVITIES, DEFENSE-WIDE.

Funds are hereby authorized to be appropriated for the Department of Defense for fiscal year 2019 for expenses, not otherwise provided for, for Drug Interdiction and Counter-Drug Activities, Defense-wide, as specified in the funding table in section 4501.

SEC. 1404. DEFENSE INSPECTOR GENERAL.

Funds are hereby authorized to be appropriated for the Department of Defense for fiscal year 2019 for expenses, not otherwise provided for, for the Office of the Inspector General of the Department of Defense, as specified in the funding table in section 4501.

SEC. 1405. DEFENSE HEALTH PROGRAM.

Funds are hereby authorized to be appropriated for fiscal year 2019 for the Defense Health Program for use of the Armed Forces and other activities and agencies of the Department of Defense for providing for the health of eligi-

ble beneficiaries, as specified in the funding table in section 4501.

SEC. 1406. NATIONAL DEFENSE SEALIFT FUND.

Funds are hereby authorized to be appropriated for fiscal year 2019 for the National Defense Sealift Fund, as specified in the funding tables in section 4501.

Subtitle B—Other Matters

SEC. 1411. AUTHORITY FOR TRANSFER OF FUNDS TO JOINT DEPARTMENT OF DEFENSE-DEPARTMENT OF VETERANS AFFAIRS MEDICAL FACILITY DEMONSTRATION FUND FOR CAPTAIN JAMES A. LOVELL HEALTH CARE CENTER, ILLINOIS.

(a) AUTHORITY FOR TRANSFER OF FUNDS.—Of the funds authorized to be appropriated by section 1405 and available for the Defense Health Program for operation and maintenance, $113,000,000 may be transferred by the Secretary of Defense to the Joint Department of Defense–Department of Veterans Affairs Medical Facility Demonstration Fund established by subsection (a)(1) of section 1704 of the National Defense Authorization Act for Fiscal Year 2010 (Public Law 111–84; 123 Stat. 2571). For purposes of subsection (a)(2) of such section 1704, any funds so transferred shall be treated as amounts authorized and appropriated specifically for the purpose of such a transfer.

(b) USE OF TRANSFERRED FUNDS.—For the purposes of subsection (b) of such section 1704, facility operations for which funds transferred under subsection (a) may be used are operations of the Captain James A. Lovell Federal Health Care Center, consisting of the North Chicago Veterans Affairs Medical Center, the Navy Ambulatory Care Center, and supporting facilities designated as a combined Federal medical facility under an operational agreement covered by section 706 of the Duncan Hunter National Defense Authorization Act for Fiscal Year 2009 (Public Law 110–417; 122 Stat. 4500).

SEC. 1412. AUTHORIZATION OF APPROPRIATIONS FOR ARMED FORCES RETIREMENT HOME.

There is hereby authorized to be appropriated for fiscal year 2019 from the Armed Forces Retirement Home Trust Fund the sum of $64,300,000 for the operation of the Armed Forces Retirement Home.

SEC. 1413. QUARTERLY BRIEFING ON PROGRESS OF CHEMICAL DEMILITARIZATION PROGRAM.

Section 1412(j) of the Department of Defense Authorization Act, 1986 (50 U.S.C. 1521(j)) is amended—

(1) in the heading, by striking "Semiannual Reports" and inserting "QUARTERLY BRIEFING";

(2) in paragraph (1)—

(A) by striking "March 1" and all that follows through "the year in which" and inserting "90 days after the date of the enactment of the National Defense Authorization Act for Fiscal Year 2019, and every 90 days thereafter until";

(B) by striking "submit to" and inserting "brief";

(C) by striking "a report on the implementation" and inserting "on the progress made"; and

(D) by striking "of its chemical weapons destruction obligations" and inserting "toward fulfilling its chemical weapons destruction obligations"; and

(3) by striking paragraph (2) and inserting the following:

"(2) Each briefing under paragraph (1) shall include a description of contractor costs and performance relative to schedule, the progress to date toward the complete destruction of the stockpile, and any other information the Secretary determines to be relevant.".

TITLE XV—AUTHORIZATION OF ADDITIONAL APPROPRIATIONS FOR OVERSEAS CONTINGENCY OPERATIONS

Subtitle A—Authorization of Appropriations

SEC. 1501. PURPOSE OF CERTAIN AUTHORIZATIONS OF APPROPRIATIONS.

The purpose of this subtitle is to authorize appropriations for the Department of Defense for fiscal year 2019 to provide additional funds for overseas contingency operations being carried out by the Armed Forces.

SEC. 1502. PROCUREMENT.

Funds are hereby authorized to be appropriated for fiscal year 2019 for procurement accounts for the Army, the Navy and the Marine Corps, the Air Force, and Defense-wide activities, as specified in the funding table in section 4102.

SEC. 1503. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION.

Funds are hereby authorized to be appropriated for fiscal year 2019 for the use of the Department of Defense for research, development, test, and evaluation, as specified in the funding table in section 4202.

SEC. 1504. OPERATION AND MAINTENANCE.

Funds are hereby authorized to be appropriated for fiscal year 2019 for the use of the Armed Forces and other activities and agencies of the Department of Defense for expenses, not otherwise provided for, for operation and maintenance, as specified in the funding table in section 4302.

SEC. 1505. MILITARY PERSONNEL.

Funds are hereby authorized to be appropriated for fiscal year 2019 for the use of the Armed Forces and other activities and agencies of the Department of Defense for expenses, not otherwise provided for, for military personnel, as specified in the funding table in section 4402.

SEC. 1506. WORKING CAPITAL FUNDS.

Funds are hereby authorized to be appropriated for fiscal year 2019 for the use of the Armed Forces and other activities and agencies of the Department of Defense for providing capital for working capital and revolving funds, as specified in the funding table in section 4502.

SEC. 1507. DRUG INTERDICTION AND COUNTER-DRUG ACTIVITIES, DEFENSE-WIDE.

Funds are hereby authorized to be appropriated for the Department of Defense for fiscal year 2019 for expenses, not otherwise provided for, for Drug Interdiction and Counter-Drug Activities, Defense-wide, as specified in the funding table in section 4502.

SEC. 1508. DEFENSE INSPECTOR GENERAL.

Funds are hereby authorized to be appropriated for the Department of Defense for fiscal year 2019 for expenses, not otherwise provided for, for the Office of the Inspector General of the Department of Defense, as specified in the funding table in section 4502.

SEC. 1509. DEFENSE HEALTH PROGRAM.

Funds are hereby authorized to be appropriated for the Department of Defense for fiscal year 2019 for expenses, not otherwise provided for, for the Defense Health Program, as specified in the funding table in section 4502.

Subtitle B—Financial Matters

SEC. 1511. TREATMENT AS ADDITIONAL AUTHORIZATIONS.

The amounts authorized to be appropriated by this title are in addition to amounts otherwise authorized to be appropriated by this Act.

SEC. 1512. SPECIAL TRANSFER AUTHORITY.

(a) AUTHORITY TO TRANSFER AUTHORIZATIONS.—

(1) AUTHORITY.—Upon determination by the Secretary of Defense that such action is necessary in the national interest, the Secretary may transfer amounts of authorizations made available to the Department of Defense in this title for fiscal year 2019 between any such authorizations for that fiscal year (or any subdivisions thereof). Amounts of authorizations so transferred shall be merged with and be

available for the same purposes as the authorization to which transferred.

(2) LIMITATION.—The total amount of authorizations that the Secretary may transfer under the authority of this subsection may not exceed $4,500,000,000.

(b) TERMS AND CONDITIONS.—Transfers under this section shall be subject to the same terms and conditions as transfers under section 1001.

(c) ADDITIONAL AUTHORITY.—The transfer authority provided by this section is in addition to the transfer authority provided under section 1001.

Subtitle C—Limitations, Reports, and Other Matters

SEC. 1521. AFGHANISTAN SECURITY FORCES FUND.

(a) CONTINUATION OF PRIOR AUTHORITIES AND NOTICE AND REPORTING REQUIREMENTS.—Funds available to the Department of Defense for the Afghanistan Security Forces Fund for fiscal year 2019 shall be subject to the conditions contained in subsections (b) through (g) of section 1513 of the National Defense Authorization Act for Fiscal Year 2008 (Public Law 110–181; 122 Stat. 428), as amended by section 1531(b) of the Ike Skelton National Defense Authorization Act for Fiscal Year 2011 (Public Law 111–383; 124 Stat. 4424).

(b) EQUIPMENT DISPOSITION.—

(1) ACCEPTANCE OF CERTAIN EQUIPMENT.—Subject to paragraph (2), the Secretary of Defense may accept equipment that is procured using amounts in the Afghanistan Security Forces Fund authorized under this Act and is intended for transfer to the security forces of Afghanistan, but is not accepted by such security forces.

(2) CONDITIONS ON ACCEPTANCE OF EQUIPMENT.—Before accepting any equipment under the authority provided by paragraph (1), the Commander of United States forces in Afghanistan shall make a determination that the equipment was procured for the purpose of meeting requirements of the security forces of Afghanistan, as agreed to by both the Government of Afghanistan and the United States, but is no longer required by such security forces or was damaged before transfer to such security forces.

(3) ELEMENTS OF DETERMINATION.—In making a determination under paragraph (2) regarding equipment, the Commander of United States forces in Afghanistan shall consider alternatives to Secretary of Defense acceptance of the equipment. An explanation of each determination, including the basis for the determination and the alternatives considered, shall be

included in the relevant quarterly report required under paragraph (5).

(4) TREATMENT AS DEPARTMENT OF DEFENSE STOCKS.—Equipment accepted under the authority provided by paragraph (1) may be treated as stocks of the Department of Defense upon notification to the congressional defense committees of such treatment.

(5) QUARTERLY REPORTS ON EQUIPMENT DISPOSITION.—

(A) IN GENERAL.—Not later than 90 days after the date of the enactment of this Act and every 90-day period thereafter during which the authority provided by paragraph (1) is exercised, the Secretary of Defense shall submit to the congressional defense committees a report describing the equipment accepted during the period covered by such report under the following:

(i) This subsection.

(ii) Section 1521(b) of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115–91; 131 Stat. 1711)

(iii) Section 1521(b) of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114–328; 130 Stat. 2575).

(iv) Section 1531(b) of the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114–92; 129 Stat. 1088).

(v) Section 1532(b) of the Carl Levin and Howard P. "Buck" McKeon National Defense Authorization Act for Fiscal Year 2015 (Public Law 113–291; 128 Stat. 3613).

(vi) Section 1531(d) of the National Defense Authorization Act for Fiscal Year 2014 (Public Law 113–66; 127 Stat. 938; 10 U.S.C. 2302 note).

(B) ELEMENTS.—Each report under subparagraph (A) shall include a list of all equipment that was accepted during the period covered by the report and treated as stocks of the Department of Defense and copies of the determinations made under paragraph (2), as required by paragraph (3).

(c) SECURITY OF AFGHAN WOMEN.—

(1) IN GENERAL.—Of the funds available to the Department of Defense for the Afghanistan Security Forces Fund for fiscal year 2019, it is the goal that $18,000,000, but in no event less than $10,000,000, shall be used for—

(A) the recruitment, integration, retention, training, and treatment of women in the Afghan National Defense and Security Forces; and

(B) the recruitment, training, and contracting of female security personnel for future elections.

(2) TYPES OF PROGRAMS AND ACTIVITIES.—Such programs and activities may include—

(A) efforts to recruit women into the Afghan National Defense and Security Forces, including the special operations forces;

(B) programs and activities of the Afghan Ministry of Defense Directorate of Human Rights and Gender Integration and the Afghan Ministry of Interior Office of Human Rights, Gender and Child Rights;

(C) development and dissemination of gender and human rights educational and training materials and programs within the Afghan Ministry of Defense and the Afghan Ministry of Interior;

(D) efforts to address harassment and violence against women within the Afghan National Defense and Security Forces;

(E) improvements to infrastructure that address the requirements of women serving in the Afghan National Defense and Security Forces, including appropriate equipment for female security and police forces, and transportation for policewomen to their station;

(F) support for Afghanistan National Police Family Response Units; and

(G) security provisions for high-profile female police and army officers.

(d) ASSESSMENT OF AFGHANISTAN PROGRESS ON SECURITY COOPERATION OBJECTIVES.—

(1) ASSESSMENT REQUIRED.—Not later than June 1, 2019, the Secretary of Defense shall, in consultation with the Secretary of State, submit to the Committee on Armed Services and the Committee on Foreign Affairs of the House of Representatives and the Committee on Armed Services and the Committee on Foreign Relations of the Senate an assessment describing the efforts of the Government of the Islamic Republic of Afghanistan to manage, employ, and sustain the equipment and inventory provided through the authority under subsection (a). In conducting such assessment, the Secretary of Defense shall consider each of the following:

(A) The ability of the Afghanistan Ministry of Defense and the Ministry of Interior to manage and account for previously-divested equipment, including a description of any vulnerabilities or weaknesses of each such Ministry's internal controls and any plan in place to address shortfalls.

(B) A description of the monitoring and evaluation systems in place to ensure assistance provided through such authority is used only for the intended purposes.

(C) Any irregularities in the divestment of equipment to the Afghan National Defense and Security Forces during the period beginning on the date of the creation of the Afghanistan Security Forces Fund, including any major losses of such equipment or any inability on the part of the Afghan National Defense and Security Forces to account for equipment so procured.

(D) A description of the sustainment and maintenance costs required for major weapons platforms previously divested, over the 5-year period beginning on the date of the enactment of this Act and a plan for how the Afghan National

Defense and Security Forces intends to maintain such platforms in the future.

(E) An assessment of the distribution practices of the Afghan National Defense and Security Forces, including the manner in which equipment received through the Afghanistan Security Forces Fund is employed.

(F) The degree to which the Government of Afghanistan is effectively implementing an anti-corruption strategy.

(G) The extent to which the Government of Afghanistan is adhering to conditions for receiving assistance established in annual financial commitment letters or any other bilateral agreements with the United States.

(2) WITHHOLDING OF ASSISTANCE FOR INSUFFICIENT PROGRESS.—

(A) IN GENERAL.—If the Secretary of Defense determines, in consultation with the Secretary of State and taking into consideration the assessment under paragraph (1), that the Government of Afghanistan has made insufficient progress toward maintaining and employing equipment provided by the United States, the Secretary of Defense may withhold assistance for

the Afghan National Defense and Security Forces under this section until such time as the Secretary determines sufficient progress has been made.

(B) NOTICE TO CONGRESS.—The Secretary of Defense shall, in coordination with the Secretary of State, provide notice to Congress—

(i) not later than 30 days after making a decision to withhold assistance pursuant to subparagraph (A); and

(ii) not later than 30 days before resuming any such assistance pursuant to such subparagraph.

SEC. 1522. JOINT IMPROVISED-THREAT DEFEAT FUND.

(a) USE AND TRANSFER OF FUNDS.—Subsections (b) and (c) of section 1514 of the John Warner National Defense Authorization Act for Fiscal Year 2007 (Public Law 109–364; 120 Stat. 2439), as in effect before the amendments made by section 1503 of the Duncan Hunter National Defense Authorization Act for Fiscal Year 2009 (Public Law 110–417; 122 Stat. 4649), shall apply to the funds made available for fiscal year 2019 to the Department of Defense for the Joint Improvised-Threat Defeat Fund.

(b) INTERDICTION OF IMPROVISED EXPLOSIVE DEVICE PRECURSOR CHEMICALS.—

(1) AVAILABILITY OF FUNDS.—Of the funds made available to the Department of Defense for the Joint Improvised-Threat Defeat Fund for fiscal year 2019, $15,000,000 may be available to the Secretary of Defense, with the concurrence of the Secretary of State, to provide training, equipment, supplies, and services to ministries and other entities of foreign governments that the Secretary has identified as critical for countering the flow of improvised explosive device precursor chemicals.

(2) PROVISION THROUGH OTHER US AGENCIES.—If jointly agreed upon by the Secretary of Defense and the head of another department or agency of the United States Government, the Secretary of Defense may transfer funds available under paragraph (1) to such department or agency for the provision by such department or agency of training, equipment, supplies, and services to ministries and other entities of foreign governments as described in that paragraph.

(3) NOTICE TO CONGRESS.—None of the funds made available pursuant to paragraph (1) may be obligated or expended to supply training, equipment, supplies, or services to a foreign country before the date that is 15 days after the date on which the Sec-

retary of Defense, in coordination with the Secretary of State, submits to the Committee on Armed Services and the Committee on Foreign Relations of the Senate and the Committee on Armed Services and the Committee on Foreign Affairs of the House of Representatives a notice that contains—

(A) the foreign country for which training, equipment, supplies, or services are proposed to be supplied;

(B) a description of the training, equipment, supplies, and services to be provided using such funds;

(C) a detailed description of the amount of funds proposed to be obligated or expended to supply such training, equipment, supplies or services, including any funds proposed to be obligated or expended to support the participation of another department or agency of the United States and a description of the training, equipment, supplies, or services proposed to be supplied;

(D) an evaluation of the effectiveness of the efforts of the foreign country identified under subparagraph (A) to counter the flow of improvised explosive device precursor chemicals; and

(E) an overall plan for countering the flow of precursor chemicals in the foreign country identified under subparagraph (A).

(4) EXPIRATION.—The authority provided by this subsection expires on December 31, 2019.

(c) TRANSITION PLAN REQUIRED.—Not later than March 1, 2019, the Secretary of Defense shall submit to the Committees on Armed Services of the House of Representatives and the Senate a plan to transition funding for the Joint Improvised-Threat Defeat Fund from amounts made available for overseas contingency operations to amounts otherwise made available for the purposes of such Fund.

TITLE XVI—STRATEGIC PROGRAMS, CYBER, AND INTELLIGENCE MATTERS

Subtitle A—Space Activities

SEC. 1601. IMPROVEMENTS TO ACQUISITION SYSTEM, PERSONNEL, AND ORGANIZATION OF SPACE FORCES.

(a) PLAN FOR ACQUISITION SYSTEM.—

(1) DEVELOPMENT.—The Deputy Secretary of Defense shall develop a plan to establish a separate, alternative acquisition system for defense space acquisitions, including with respect to procuring space ve-

hicles, ground segments relating to such vehicles, and satellite terminals.

(2) REQUIREMENTS PROCESS.—The plan developed under paragraph (1) shall include recommendations of the Deputy Secretary with respect to whether the separate, alternative acquisition system described in the plan should use the Joint Capabilities Integration and Development System process or instead use a new requirements process developed by the Deputy Secretary in a manner that ensures that requirements for a program are synchronized across the space vehicles, ground segments relating to such vehicles, and satellite terminals, of the program.

(3) EXCEPTION.—The plan developed under paragraph (1) shall cover defense space acquisitions except with respect to the National Reconnaissance Office and other elements of the Department of Defense that are elements of the intelligence community (as defined in section 3 of the National Security Act of 1947 (50 U.S.C. 3003)).

(4) SUBMISSION.—Not later than December 31, 2019, the Deputy Secretary shall submit to the congressional defense committees a report containing the plan developed under paragraph (1).

(b) CADRE DEVELOPMENT.—

(1) PLAN.—

(A) DEVELOPMENT.—The Secretary of the Air Force shall develop and implement a plan to increase the number and improve the quality of the space cadre of the Air Force.

(B) MATTERS INCLUDED.—The plan developed under subparagraph (A) shall address the following:

(i) Managing the career progression of members of the Armed Forces and civilian employees of the Department who form the space cadre of the Air Force throughout the military or civilian career of the member or the employee, as the case may be, including with respect to—

(I) defining career professional milestones;

(II) pay and incentive structures;

(III) the management and oversight of the space cadre;

(IV) training relating to planning and executing warfighting missions and operations in space;

(V) conducting periodic cadre-wide professional assessments to deter-

mine how the cadre is developing as a group; and

(VI) establishing a centralized method to control personnel assignments and distribution.

(ii) The identification of future space-related career fields that the Secretary determines appropriate, including a space acquisition career field.

(iii) The identification of any overlap that exists among operations and acquisitions career fields to determine opportunities for cross-functional career opportunities.

(C) SUBMISSION.—Not later than March 1, 2019, the Secretary shall submit to the congressional defense committees a report containing the plan developed under subparagraph (A).

(2) NUMBERED AIR FORCE.—

(A) ESTABLISHMENT.—Not later than December 31, 2019, the Secretary of the Air Force shall establish as part of the Air Force a new numbered Air Force that is—

(i) responsible for carrying out space warfighting operations; and

(ii) assigned to the United States Space Command established by section 169 of title 10, United States Code, as added by subsection (c).

(B) EFFECT ON 14TH AIR FORCE.—The establishment of a new numbered Air Force under subparagraph (A) shall not effect the space support mission of the 14th Air Force, including with respect to—

(i) space launches, training, and exercises; and

(ii) being assigned to the Air Force Space Command.

(C) PLAN.—Not later than December 31, 2019, the Secretary shall submit to the congressional defense committees a plan to establish the new numbered Air Force under subparagraph (A).

(c) ESTABLISHMENT OF SUBORDINATE UNIFIED COMMAND.—

(1) IN GENERAL.—Chapter 6 of title 10, United States Code, is amended by adding at the end the following new section:

"§ 169. Subordinate unified command of the United States Strategic Command

"(a) ESTABLISHMENT.—With the advice and assistance of the Chairman of the Joint Chiefs of Staff, the President, through the Secretary of Defense, shall establish under the United States Strategic Command a subordinate unified command to be known as the United States Space Command (in this section referred to as 'space command') for carrying out joint space warfighting operations.

"(b) ASSIGNMENT OF FORCES.—Unless otherwise directed by the Secretary of Defense, all active and reserve space warfighting operational forces of the armed forces shall be assigned to the space command, including the numbered Air Force responsible for carrying out space warfighting operations.

"(c) COMMANDER.—(1) The commander of the space command shall hold the grade of general or, in the case of an officer of the Navy, admiral while serving in that position, without vacating the permanent grade of the officer. The commander shall be appointed to that grade by the President, by and with the advice and consent of the Senate, for service in that position. The position shall be designated, pursuant to subsection (b) of section 526 of this title, as one of the general officer and flag officer positions to be excluded from the limitations in subsection (a) of such section.

"(2) During the three-year period following the date on which the space command is established, the commander of the Air Force Space Command may also serve as the commander of the space command so established. After such period, one individual may not concurrently serve as both such commanders.

"(d) AUTHORITY OF COMMANDER.—(1) Subject to the authority, direction, and control of the commander of the United States Strategic Command, the commander of the space command shall be responsible for, and shall have the authority to conduct, all affairs of such command relating to joint space warfighting operations.

"(2)(A) Subject to the authority, direction, and control of the Deputy Secretary of Defense, the commander of the space command shall be responsible for, and shall have the authority to conduct, the following functions relating to joint space warfighting operations (whether or not relating to the space command):

"(i) Developing strategy, doctrine, and tactics.

"(ii) Preparing and submitting to the Secretary of Defense program recommendations and budget proposals for space operations forces and for other forces assigned to the space command.

"(iii) Exercising authority, direction, and control over the expenditure of funds for forces assigned directly to the space command.

"(iv) Training and certification of assigned joint forces.

"(v) Conducting specialized courses of instruction for commissioned and noncommissioned officers.

"(vi) Validating requirements.

"(vii) Establishing priorities for requirements.

"(viii) Ensuring the interoperability of equipment and forces.

"(ix) Formulating and submitting requirements for intelligence support.

"(x) Monitoring the promotion of space operation forces and coordinating with the military departments regarding the assignment, retention, training, professional military education, and special and incentive pays of space operation forces.

"(B) The authority, direction, and control exercised by the Deputy Secretary of Defense for purposes of this paragraph is authority, direction, and control with respect to the administration and support of the space command, including readiness and organization of space operations forces, space operations-peculiar equipment and resources, and civilian personnel.

"(C) Nothing in this paragraph shall be construed as providing the Deputy Secretary of Defense authority, direction, and control of operational matters that are subject to the operational chain of command of the combatant commands or the exercise of authority, direction, and control of personnel, resources, equipment, and other matters that are not space-operations peculiar and that are in the purview of the armed forces.

"(3) The commander of the space command shall be responsible for—

"(A) ensuring the combat readiness of forces assigned to the space command; and

"(B) monitoring the preparedness to carry out assigned missions of space forces assigned to unified combatant commands other than the United States Strategic Command.

"(4) The staff of the commander shall include an inspector general who shall conduct internal audits and inspections of purchasing and contracting actions through the space command and such other inspector general functions as may be assigned.

"(e) INTELLIGENCE AND SPECIAL ACTIVITIES.—This section does not constitute authority to conduct any activity which, if carried out as an intelligence activity by the Department of Defense, would require a notice to the Select

Committee on Intelligence of the Senate and the Permanent Select Committee on Intelligence of the House of Representatives under title V of the National Security Act of 1947 (50 U.S.C. 3091 et seq.).".

(2) CLERICAL AMENDMENT.—The table of sections at the beginning of such chapter is amended by inserting after the item relating to section 167b the following new item:

"169. Subordinate unified command of the United States Strategic Command".

SEC. 1602. RAPID, RESPONSIVE, AND RELIABLE SPACE LAUNCH.

(a) ASSURED ACCESS TO SPACE.—Section 2273 of title 10, United States Code, is amended—

(1) in subsection (b)—

(A) in paragraph (1), by striking "; and";

(B) in paragraph (2), by striking the period at the end and inserting "; and"; and

(C) by adding at the end the following new paragraph:

"(3) the availability of rapid, responsive, and reliable space launches for national security space programs to—

"(A) improve the responsiveness and flexibility of a national security space system;

"(B) lower the costs of launching a national security space system; and

"(C) maintain risks of mission success at acceptably low levels."; and

(2) in subsection (c), by inserting before the period at the end the following: "and the Director of National Intelligence".

(b) REUSABILITY OF LAUNCH VEHICLES.—

(1) DESIGNATION.—Effective March 1, 2019, the Evolved Expendable Launch Vehicle program of the Department of Defense shall be known as the "National Security Space Launch program". Any reference in Federal law, regulations, guidance, instructions, or other documents of the Federal Government to the Evolved Expendable Launch Vehicle program shall be deemed to be a reference to the National Security Space Launch program.

(2) REQUIREMENT.—In carrying out the National Security Space Launch program, the Secretary of Defense shall provide for consideration of both reusable and expendable launch vehicles with respect to any solicitation occurring on or after March 1, 2019, for which the use of a reusable launch vehicle is technically capable and maintains risk at acceptable levels.

(3) NOTIFICATION OF SOLICITATIONS FOR NON-REUSABLE LAUNCH VEHICLES.—Beginning March 1,

2019, if the Secretary proposes to issue a solicitation for a contract for space launch services for which the use of reusable launch vehicles is not eligible for the award of the contract, the Secretary shall notify in writing the appropriate congressional committees of such proposed solicitation, including justifications for such ineligibility, by not later than 60 days before issuing such solicitation.

(c) RISK AND COST IMPACT ANALYSIS.—

(1) IN GENERAL.—The Secretary shall conduct a risk and cost impact analysis with respect to launch services that use reusable launch vehicles. Such analysis shall include—

(A) an assessment of how the inspection and certification regime of the Air Force for previously flown launch vehicles will ensure increased responsiveness and operational flexibility while maintaining acceptably low risk; and

(B) an assessment of the anticipated cost savings to the Department of Defense realized by using a previously flown launch vehicle or components.

(2) SUBMISSION.—Not later than 180 days after the date of the enactment of this Act, the Secretary

shall submit to the appropriate congressional committees the analysis conducted under paragraph (1).

(d) APPROPRIATE CONGRESSIONAL COMMITTEES DEFINED.—In this section, the term "appropriate congressional committees" means the following:

(1) The congressional defense committees.

(2) The Permanent Select Committee on Intelligence of the House of Representatives and the Select Committee on Intelligence of the Senate.

SEC. 1603. PROVISION OF SPACE SITUATIONAL AWARENESS SERVICES AND INFORMATION.

(a) ROLE OF DEPARTMENT OF DEFENSE.—Section 2274(a) of title 10, United States Code, is amended—

(1) by striking "The Secretary of Defense may" and inserting "(1) Except as provided by paragraph (2), the Secretary of Defense may"; and

(2) by adding at the end the following new paragraph:

"(2) Beginning January 1, 2024, the Secretary may provide space situational awareness services and information to, and may obtain space situational awareness data and information from, non-United States Government entities under paragraph (1) only to the extent that the Secretary determines such actions are necessary to meet the national security interests of the United States.".

(b) INDEPENDENT ASSESSMENT.—

(1) FFRDC.—Not later than 30 days after the date of the enactment of this Act, the Secretary of Defense shall seek to enter into a contract with a federally funded research and development center for which the Department of Defense is a sponsor to assess which single or combination of departments or agencies of the Federal Government, if any, should assume the authorities of the Secretary of Defense under paragraph (1) of section 2274(a) of title 10, United States Code, that the Secretary will no longer carry out beginning on January 1, 2024, pursuant to paragraph (2) of such section, as added by subsection (a) of this section.

(2) CONSIDERATIONS.—The assessment under paragraph (1) shall consider the following:

(A) The existing staff, budgetary resources, and institutional expertise of the departments and agencies of the Federal Government evaluated by the assessment.

(B) The demonstrated ability of such departments and agencies to work collaboratively with industry in developing best practices or consensus standards.

(C) The capacity of such departments and agencies to facilitate communication between space object operators to avoid a collision.

(D) The ability of such departments and agencies to use other transaction agreements or similar transaction mechanisms.

(E) Existing non-profit organizations through which such departments and agencies may oversee the private provision of space situational awareness services and information.

(3) SUBMISSION.—

(A) DOD.—Not later than 180 days after the date on which the Secretary and a federally funded research and development center enter into the contract under paragraph (1), the center shall submit to the Secretary a report on the assessment conducted under such paragraph.

(B) CONGRESS.—Not later than 10 days after the date on which the Secretary receives the report under subparagraph (A), the Secretary shall submit to the appropriate congressional committees such report, without change.

(c) PLAN.—

(1) DEVELOPMENT.—The Secretary of Defense, in coordination with the heads of other departments

or agencies of the Federal Government determined appropriate by the Secretary, shall develop a plan to ensure that one or more departments or agencies of the Federal Government other than the Department of Defense may provide space situational awareness services and information to non-United States Government entities.

(2) CONSIDERATION.—In developing the plan under paragraph (1), the Secretary shall take into consideration the assessment conducted under subsection (b)(1).

(3) SUBMISSION.—Not later than 180 days after the date on which the Secretary submits the report under subsection (b)(3), the Secretary shall submit to the appropriate congressional committees the plan developed under paragraph (1).

(d) APPROPRIATE CONGRESSIONAL COMMITTEES DEFINED.—In this section, the term "appropriate congressional committees" means the following:

(1) The congressional defense committees.

(2) The Committee on Science, Space, and Technology, the Committee on Transportation and Infrastructure, the Committee on Energy and Commerce, the Committee on Foreign Affairs, and the Permanent

Select Committee on Intelligence of the House of Representatives.

(3) The Committee on Commerce, Science, and Transportation, the Committee on Foreign Relations, and the Select Committee on Intelligence of the Senate.

SEC. 1604. BUDGET ASSESSMENTS FOR NATIONAL SECURITY SPACE PROGRAMS.

Section 239(b)(1) of title 10, United States Code, is amended to read as follows:

"(1) Not later than 30 days after the date on which the President submits to Congress the budget for each of fiscal years 2017 through 2021, the Secretary of Defense shall submit to the congressional defense committees a report on the budget for national security space programs of the Department of Defense. The Secretary may include the report in the defense budget materials if the Secretary submits such materials to Congress by such date.".

SEC. 1605. ENHANCEMENT OF POSITIONING, NAVIGATION, AND TIMING CAPACITY.

(a) CAPABILITY FOR TRUSTED SIGNALS.—The Secretary of the Air Force shall ensure that military Global Positioning System user equipment terminals have the capability, including with appropriate mitigation efforts, to receive trusted signals from the Galileo satellites of the Eu-

ropean Union and the QZSS satellites of Japan, beginning with increment 2 of the acquisition of such terminals.

(b) CAPABILITY FOR OTHER SIGNALS.—The Secretary of the Air Force shall ensure that military Global Positioning System user equipment terminals having the capability to receive non-allied positioning, navigation, and timing signals, beginning with increment 2 of the acquisition of such terminals, if the Secretary of Defense, in consultation with the Commander of the United States Strategic Command, determines that—

(1) the benefits of receiving such signals outweigh the risks; or

(2) such risks can be appropriately mitigated.

(c) ENGAGEMENT.—The Secretary of Defense, jointly with the Secretary of State, shall engage with relevant allies of the United States to—

(1) enable military Global Positioning System user equipment terminals to receive the positioning, navigation, and timing signals of such allies; and

(2) negotiate as appropriate other potential agreements relating to the enhancement of positioning, navigation, and timing.

SEC. 1606. USE OF SMALL- AND MEDIUM-SIZE BUSES FOR STRATEGIC AND TACTICAL SATELLITE PAYLOADS.

(a) BRIEFING ON RISKS, BENEFITS, AND COST SAVINGS.—

(1) BRIEFING.—Not later than 180 days after the date of the enactment of this Act, the Secretary of Defense, in coordination with the Director of National Intelligence, shall provide to the Committees on Armed Services of the House of Representatives and the Senate, and to any other appropriate congressional committee upon request, a briefing on the risks, benefits, and cost savings with respect to using small- and medium-size buses for strategic and tactical satellite payloads for protected satellite communications programs and next-generation overhead persistent infrared systems.

(2) MATTERS INCLUDED.—The briefing provided under paragraph (1) shall address the following:

(A) Increasing component and subcomponent commonality for power regulation, solar arrays, battery technology, thermal control, and avionics.

(B) The security of the supply chain, including a strategy to mitigate risk in such supply chain.

(b) ANALYSES OF ALTERNATIVES.—

(1) CERTIFICATIONS.—With respect to each analysis of alternatives of new space vehicles relating to a program described in paragraph (2), the Director for Cost Assessment and Program Evaluation shall certify to the appropriate congressional committees that the analysis—

(A) includes materiel solutions for using small- and medium-size buses; and

(B) considers the relevant operational benefits and potential cost savings of using small-, medium-, and large-size buses.

(2) PROGRAMS DESCRIBED.—The programs described in this paragraph are the programs of the Department of Defense relating to any of the following:

(A) Protected satellite communications.

(B) Next-generation overhead persistent infrared systems.

(C) Space-based environmental monitoring.

(c) BRIEFING ON ALTERNATIVE SPACE-BASED ARCHITECTURES.—Not later than 240 days after the date of the enactment of this Act, the Secretary of Defense, the Secretary of the Air Force, and the Chairman of the Joint Chiefs of Staff shall jointly provide to the Committees on Armed Services of the House of Representatives and the

Senate, and to any other appropriate congressional committee upon request, a briefing on alternative space-based architectures for the programs described in subsection (b)(2) using small-, medium-, and large-size buses.

(d) APPROPRIATE CONGRESSIONAL COMMITTEES DEFINED.—In this section, the term "appropriate congressional committees" means the following:

(1) The congressional defense committees.

(2) The Permanent Select Committee on Intelligence of the House of Representatives and the Select Committee on Intelligence of the Senate.

SEC. 1607. DESIGNATION OF COMPONENT OF DEPARTMENT OF DEFENSE RESPONSIBLE FOR COORDINATION OF MODERNIZATION EFFORTS RELATING TO MILITARY-CODE CAPABLE GPS RECEIVER CARDS.

(a) DESIGNATION.—Not later than 30 days after the date of the enactment of this Act, the Secretary of Defense, in coordination with the Secretaries of the military departments and the heads of Defense Agencies the Secretary determines appropriate, shall designate a component of the Office of the Secretary of Defense to be responsible for coordinating common solutions for the M-code modernization efforts among the military departments, Defense Agencies,

and other appropriate elements of the Department of Defense.

(b) ROLES AND RESPONSIBILITIES.—The roles and responsibilities of the component selected under subsection (a) shall include the following:

(1) Identify the elements of the Department of Defense and the programs of the Department that require M-code capable receiver cards and determine—

(A) the number of total receiver cards required by the Department, including the number required for each such element and program and the military departments;

(B) the timeline, by fiscal year, for each program of the Department conducting M-code modernization efforts; and

(C) the projected cost for each such program.

(2) Systematically collect integration test data, lessons learned, and design solutions, and share such information with other elements of the Department.

(3) Identify ways the Department can prevent duplication in conducting M-code modernization efforts, and identify, to the extent practicable, potential cost savings that could be realized by addressing such duplication.

(4) Coordinate the integration, testing, and procurement of M-code capable receiver cards to ensure that the Department maximizes the buying power of the Department, reduces duplication, and saves resources, where possible.

(c) SUPPORT.—The Secretary of Defense shall ensure the military departments, the Defense Agencies, and other elements of the Department of Defense provide the component selected under subsection (a) with the appropriate support and resources needed to perform the roles and responsibilities under subsection (b).

(d) REPORTS.—Not later than March 15, 2019, and annually thereafter through 2021, the Secretary of Defense shall provide to the congressional defense committees a report on M-code modernization efforts. Each report shall include, with respect to the period covered by the report, the following:

(1) The projected cost and schedule, by fiscal year, for the Department to acquire M-code capable receiver cards.

(2) The programs of the Department conducting M-code modernization efforts.

(3) The number of M-code capable receiver cards procured by the Department, the number of such receiver cards yet to be procured, and the percentage of

the M-code modernization efforts completed by each program identified under paragraph (2).

(e) DEFINITIONS.—In this section:

(1) The term "M-code capable receiver card" means a Global Positioning System receiver card that is capable of receiving military code that provides enhanced positioning, navigation, and timing capabilities and improved resistance to existing and emerging threats, such as jamming.

(2) The term "M-code modernization efforts" means the development, integration, testing, and procurement programs of the Department of Defense relating to developing M-code capable receiver cards.

SEC. 1608. DESIGNATION OF COMPONENT OF DEPARTMENT OF DEFENSE RESPONSIBLE FOR COORDINATION OF HOSTED PAYLOAD INFORMATION.

(a) FINDINGS.—Congress finds the following:

(1) Using commercially hosted payloads is an option for the Department of Defense that should be considered in analyses of alternatives, as it could increase cost savings, speed up capability to orbit, and contribute to resilience through the use of disaggregated space systems by the Department.

(2) The use by the Department of commercially hosted payloads has been limited so far, using com-

mercial satellites to host three experimental payloads to date, though the use of hosted payloads could expand in the future.

(3) The Department does not have the knowledge the Department needs to determine if commercially hosted payloads are an acquisition approach worth pursuing.

(4) The Department faces challenges in matching payloads to commercial hosts, due to numerous logistical challenges to matching payloads to hosts, including coordinating the size, weight and power of the payload with the commercial host, and aligning acquisition and funding timelines between government and commercial programs.

(5) The Comptroller General of the United States in preliminary findings concluded that the space acquisition culture of the Department lacks sufficient knowledge, such as costs, technical parameters, and lessons learned, to determine the benefits and address the challenges of using commercially hosted payloads and that the existing knowledge is fragmented across the Department without any plans to consolidate it.

(6) Programs are not required to report data on commercially hosted payloads to any centralized office or database, and leveraging cost and technical data

from hosted payload efforts could inform future interested programs and avoid duplication of efforts, but currently no such comprehensive data source exists.

(b) DESIGNATION.—Not later than 30 days after the date of the enactment of this Act, the Secretary of Defense, in coordination with the Secretary of the Air Force, and other Secretaries of the military departments and the heads of Defense Agencies the Secretary determines appropriate, shall designate a component of the Department of Defense or a military department to be responsible for coordinating information, processes, and lessons learned relating to using commercially hosted payloads across the military departments, Defense Agencies, and other appropriate elements of the Department of Defense. The functions of such designated component shall include, at a minimum, the following:

(1) Systematically collecting information from past and planned hosted payload arrangements to inform future acquisition planning and space system architecture design, including integration test data, lessons learned, and design solutions.

(2) Creating a centralized database for cost, technical data, and lessons learned on commercially hosted payloads and sharing such information with other elements of the Department.

SEC. 1609. LIMITATION ON AVAILABILITY OF FUNDS FOR JOINT SPACE OPERATIONS CENTER MISSION SYSTEM.

(a) JMS.—None of the funds authorized to be appropriated by this Act or otherwise made available for fiscal year 2019 for the Joint Space Operations Center mission system may be obligated or expended until the date on which the Deputy Secretary of Defense makes the certification under subsection (c).

(b) ESBMC2.—Of the funds authorized to be appropriated by this Act or otherwise made available for fiscal year 2019 for service and management applications of the enterprise space battle management command and control, not more than 75 percent may be obligated or expended until the date on which the Deputy Secretary of Defense makes the certification under subsection (c).

(c) CERTIFICATION.—The Deputy Secretary of Defense, without delegation, shall certify to the congressional defense committees that the Secretary of the Air Force has entered into a contract to operationalize existing, proven, best-in-breed commercial space situational awareness processing software to address warfighter requirements and fill gaps in current space situational capabilities.

SEC. 1610. EVALUATION AND ENHANCED SECURITY OF SUPPLY CHAIN FOR PROTECTED SATELLITE COMMUNICATIONS PROGRAMS AND OVERHEAD PERSISTENT INFRARED SYSTEMS.

(a) EVALUATIONS OF SUPPLY CHAIN VULNERABILITIES.—

(1) IN GENERAL.—Not later than December 31, 2020, and in accordance with the plan under paragraph (2)(A), the Secretary of Defense, in coordination with the Director of National Intelligence, shall conduct evaluations of the supply chain vulnerabilities of each covered program.

(2) PLAN.—

(A) DEVELOPMENT.—The Secretary shall develop a plan to carry out the evaluations under paragraph (1), including with respect to the personnel and resources required to carry out such evaluations.

(B) BRIEFING.—Not later than 180 days after the date of the enactment of this Act, the Secretary shall provide to the Committees on Armed Services of the House of Representatives and the Senate, and to any other appropriate congressional committee upon request, a briefing on the plan under subparagraph (A).

(3) WAIVER.—The Secretary may waive, on a case-by-case basis with respect to a covered program, either the requirement to conduct an evaluation under paragraph (1) or the deadline specified in such paragraph if the Secretary certifies to the congressional defense committees before such date that all known supply chain vulnerabilities of such covered program have minimal consequences for the capability of such covered program to meet operational requirements or otherwise satisfy mission requirements.

(4) RISK MITIGATION STRATEGIES.—In carrying out an evaluation under paragraph (1), the Secretary shall develop—

(A) strategies for mitigating the risks of supply chain vulnerabilities identified in the course of such evaluation; and

(B) cost estimates for such strategies.

(b) PRIORITIZATION OF CERTAIN SUPPLY CHAIN RISK MANAGEMENT EFFORTS.—

(1) INSTRUCTIONS.—Not later than 180 days after the date of the enactment of this Act, the Secretary shall issue a Department of Defense Instruction, or update such an Instruction, establishing the prioritization of supply chain risk management programs, including supply chain risk management

threat assessment reporting, to ensure that acquisition and sustainment programs relating to covered programs receive the highest priority of such supply chain risk management programs and reporting.

(2) REQUIREMENTS.—

(A) ESTABLISHMENT.—The Secretary shall establish requirements to carry out supply chain risk management threat assessment collections and analyses under acquisition and sustainment programs relating to covered programs.

(B) BRIEFING.—Not later than 120 days after the date of the enactment of this Act, the Secretary shall provide to the Committees on Armed Services of the House of Representatives and the Senate, and to any other appropriate congressional committee upon request, a briefing on the requirements established under subparagraph (A).

(c) DEFINITIONS.—In this section:

(1) The term "appropriate congressional committees" means the following:

(A) The congressional defense committees.

(B) The Permanent Select Committee on Intelligence of the House of Representatives and the Select Committee on Intelligence of the Senate.

(2) The term "covered programs" means programs of the Department of Defense relating to any of the following:

(A) Protected satellite communications.

(B) Next-generation overhead persistent infrared systems.

SEC. 1611. REPORT ON PROTECTED SATELLITE COMMUNICATIONS.

Not later than December 31, 2018, the Secretary of Defense shall submit to the congressional defense committees a report on how each of the following programs will meet the requirements for resilience, mission assurance, and the nuclear command, control, and communication missions of the Department of Defense:

(1) The evolved strategic satellite program.

(2) The protected tactical service program.

(3) The protected tactical enterprise service program.

SEC. 1612. PLAN ON SPACE WARFIGHTING READINESS.

(a) IN GENERAL.—Not later than 60 days after the date of the enactment of this Act, the Secretary of Defense shall develop, and commence the implementation of, a plan that—

(1) identifies joint mission-essential tasks for space as a warfighting domain;

(2) identifies any additional authorities, or delegated authorities, that would need to accompany the employment of forces to meet such mission-essential tasks;

(3) meets the readiness requirements for space warfighting, including with respect to equipment, training, and personnel, to meet such mission-essential tasks; and

(4) considers the contributions by allies and partners of the United States with respect to defense space capabilities to increase burden sharing across space systems, as appropriate.

(b) BRIEFING.—Not later than 60 days after the date of the enactment of this Act, the Secretary shall provide to the Committees on Armed Services of the House of Representatives and the Senate, and to any other congressional defense committee upon request, a briefing describing the authorities identified under subsection (a)(2) that the Secretary determines require legislative action.

SEC. 1613. STUDY ON SPACE-BASED RADIO FREQUENCY MAPPING.

(a) STUDY.—The Secretary of Defense and the Director of National Intelligence shall jointly conduct a study on the capabilities of the private sector with respect to space-based radio frequency mapping and associated oper-

ations and services for space-based electromagnetic collections. Such study shall address the following:

(1) The near-term commercial market offerings of such operations and services in the United States and outside the United States.

(2) The potential benefits to the United States provided by such operations and services.

(3) The potential risks to the United States posed by such operations and services.

(4) The sufficiency of existing legal authorities available to the Secretary and the Director to address such potential risks.

(b) REPORT.—Not later than 90 days after the date of the enactment of this Act, the Secretary and the Director shall jointly submit to the congressional defense committees, the Permanent Select Committee on Intelligence of the House of Representatives, and the Select Committee on Intelligence of the Senate a report containing the study under subsection (a).

SEC. 1614. PLAN TO PROVIDE PERSISTENT WEATHER IMAGERY FOR UNITED STATES CENTRAL COMMAND.

(a) PLAN.—The Secretary of the Air Force shall develop a plan to provide the United States Central Command with persistent weather imagery for the area of oper-

ations of the Command beginning not later than January 1, 2026.

(b) MATTERS INCLUDED.—The plan developed under subsection (a) shall include the following:

(1) A long-term method for providing the United States Central Command with persistent weather imagery for the area of operations of the Command that—

(A) does not rely on data provided by a foreign government; and

(B) does not include relocating legacy geostationary operational environmental satellites.

(2) A description of the costs required to carry out the plan.

(c) SUBMISSION.—Not later than March 1, 2019, the Secretary shall submit to the congressional defense committees the plan developed under subsection (a).

Subtitle B—Defense Intelligence and Intelligence-Related Activities

SEC. 1621. ROLE OF UNDER SECRETARY OF DEFENSE FOR INTELLIGENCE.

Subsection (b) of section 137 of title 10, United States Code, is amended to read as follows:

"(b) Subject to the authority, direction, and control of the Secretary of Defense, the Under Secretary of Defense for Intelligence shall—

"(1) have responsibility for the overall direction and supervision for policy, program planning and execution, and use of resources, for the activities of the Department of Defense that are part of the Military Intelligence Program;

"(2) execute the functions for the National Intelligence Program of the Department of Defense under section 105 of the National Security Act of 1947 (50 U.S.C. 3038), as delegated by the Secretary of Defense;

"(3) have responsibility for the overall direction and supervision for policy, program planning and execution, and use of resources, for the information security, personnel security, physical security, and industrial security related activities of the Department of Defense; and

"(4) perform such duties and exercise such powers as the Secretary of Defense may prescribe in the area of intelligence.".

SEC. 1622. SECURITY CLEARANCE FOR DUAL NATIONALS.

(a) IN GENERAL.—Chapter 80 of title 10, United States Code, is amended by inserting after section 1564a the following new section:

"§ 1564b. Security clearance for dual nationals

"(a) ADDITIONAL REVIEW.—(1) In the case of an individual described in paragraph (3), the Secretary of Defense shall develop a process to review foreign preference in accordance with the adjudicative guidelines under part 147 of title 32, Code of Federal Regulations, or such successor regulation, before approving a security clearance for such individual.

"(2) The Secretary shall designate an official of the Department of Defense to be responsible for adjudicating any derogatory information of an individual described in paragraph (3) concerning foreign preference that is discovered after the security clearance of the individual is approved.

"(3) An individual described in this paragraph is an individual who is—

"(A) a national of the United States (as such term is defined in section 101 of the Immigration and Nationality Act (8 U.S.C. 1101)) and also a national of a foreign state; and

"(B) either—

"(i) a civilian employee or contractor who requires access to classified information; or

"(ii) a member of the armed forces who requires access to classified information.

"(b) WAIVER.—(1) In the case of an individual who is a national of the United States and also a national of a foreign state identified under paragraph (2), the Secretary may waive the requirement under subsection (a).

"(2) The Director of National Intelligence shall identify foreign states that authorize citizens or nationals of the United States to serve in positions of trust equivalent to positions in the United States Government that require access to classified information.".

(b) CLERICAL AMENDMENT.—The table of sections at the beginning of such chapter is amended by inserting after the item relating to section 1564a the following new item:

"1564b. Security clearance for dual nationals.".

(c) BRIEFING.—

(1) IN GENERAL.—Not later than 180 days after the date of the enactment of this Act, the Secretary of Defense shall provide to the Committees on Armed Services of the House of Representatives and the Senate, and to any other appropriate congressional committee upon request, a briefing on—

(A) the process developed under paragraph (1) of section 1564b(a) of title 10, United States Code, as added by subsection (a); and

(B) the official designated under paragraph (2) of such section 1564b(a).

(2) APPROPRIATE CONGRESSIONAL COMMITTEES DEFINED.—In this subsection, the term "appropriate congressional committees" means the following:

(A) The Committees on Armed Services of the House of Representatives and the Senate.

(B) The Permanent Select Committee on Intelligence of the House of Representatives and the Select Committee on Intelligence of the Senate.

SEC. 1623. DEPARTMENT OF DEFENSE COUNTERINTELLIGENCE POLYGRAPH PROGRAM.

(a) ADDITION OF DUAL-NATIONALS.—Subsection (b) of section 1564a of title 10, United States Code, is amended to read as follows:

"(b) PERSONS COVERED.—Except as provided in subsection (d), the following persons are subject to this section:

"(1) With respect to persons whose duties are described in subsection (c)—

"(A) military and civilian personnel of the Department of Defense;

"(B) personnel of defense contractors;

"(C) persons assigned or detailed to the Department of Defense; and

"(D) applicants for a position in the Department of Defense.

"(2) A person who is—

"(A) a national of the United States (as such term is defined in section 101 of the Immigration and Nationality Act (8 U.S.C. 1101)) and also a national of a foreign state; and

"(B) either—

"(i) a civilian employee or contractor who requires access to classified information; or

"(ii) a member of the armed forces who requires access to classified information.".

(b) STANDARDS FOR DUAL-NATIONALS.—Subsection (e)(2) of such section is amended by adding at the end the following new subparagraph:

"(D) With respect to persons described in subsection (b)(2), to assist in assessing foreign preference or foreign influence risks, as described in part 147 of title 32, Code of Federal Regulation, or such successor regulations.".

(c) CONFORMING AMENDMENTS.—Such section is further amended—

(1) in subsection (c), by striking "in subsection (b)" and inserting "in subsection (b)(1)"; and

(2) in subsection (e)(2)(A), by striking "in subsections (b)" and inserting "in subsections (b)(1)".

SEC. 1624. DEFENSE INTELLIGENCE BUSINESS MANAGEMENT SYSTEMS.

(a) STANDARDIZED BUSINESS PROCESS RULES.—

(1) DEVELOPMENT.—Not later than October 1, 2020, the Chief Management Officer of the Department of Defense, in coordination with the Under Secretary of Defense (Comptroller) and the Under Secretary of Defense for Intelligence, shall develop and implement standardized business process rules for the planning, programming, budgeting, and execution process for the Military Intelligence Program.

(2) TREATMENT OF DATA.—The Chief Management Officer shall develop the standardized business process rules under paragraph (1) in accordance with section 911 of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115–91; 131 Stat. 1519; 10 U.S.C. 2222 note) and section 2222(e)(6) of title 10, United States Code.

(3) USE OF EXISTING SYSTEMS.—In developing the standardized business process rules under paragraph (1), to the extent practicable, the Chief Manage-

ment Officer shall use enterprise business systems of the Department of Defense in existence as of the date of the enactment of this Act.

(4) REPORT.—Not later than March 1, 2019, the Chief Management Officer of the Department of Defense, the Under Secretary of Defense (Comptroller), and the Under Secretary of Defense for Intelligence shall jointly submit to the appropriate congressional committees a report containing a plan to develop the standardized business process rules under paragraph (1).

(5) APPROPRIATE CONGRESSIONAL COMMITTEES.—In this subsection, the term "appropriate congressional committees" means the following:

(A) The congressional defense committees.

(B) The Permanent Select Committee on Intelligence of the House of Representatives and the Select Committee on Intelligence of the Senate.

(b) PROGRAM ELEMENTS.—

(1) IN GENERAL.—Chapter 9 of title 10, United States Code, is amended by adding at the end the following new section:

"§ 239b. Certain intelligence-related programs: budget justification materials

"(a) PROHIBITION ON USE OF PROGRAM ELEMENTS.—In the budget justification materials submitted to Congress in support of the Department of Defense budget for fiscal year 2021 and each fiscal year thereafter (as submitted with the budget of the President under section 1105(a) of title 31), the Secretary of Defense may not include in any single program element both funds made available under the Military Intelligence Program and funds made available outside of the Military Intelligence Program.

"(b) DEFINITIONS.—In this section:

"(1) The term 'budget' has the meaning given that term in section 231(f) of this title.

"(2) The term 'defense budget materials' has the meaning given that term in section 231(f) of this title.".

(2) CLERICAL AMENDMENT.—The table of sections at the beginning of such chapter is amended by inserting after the item relating to section 239a the following new item:

"239b. Certain intelligence-related programs: budget justification materials".

SEC. 1625. MODIFICATION TO ANNUAL BRIEFING ON THE INTELLIGENCE, SURVEILLANCE, AND RECONNAISSANCE REQUIREMENTS OF THE COMBATANT COMMANDS.

(a) IN GENERAL.—Section 1626 of the Carl Levin and Howard P. "Buck" McKeon National Defense Authorization Act for Fiscal Year 2015 (Public Law 113–291; 128 Stat. 3635), as amended by section 1624 of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115–91; 131 Stat. 1732), is further amended—

(1) in the matter preceding paragraph (1), by striking "2020" and inserting "2025"; and

(2) in paragraph (1)—

(A) in subparagraph (B), by striking "; and" and inserting a semicolon; and

(B) by adding at the end the following new subparagraph:

"(D) for the year preceding the year in which the briefing is provided—

"(i) the number of hours or amount of capacity of intelligence, surveillance, and reconnaissance requested by each commander of a combatant command, by specific intelligence capability type;

"(ii) the number of such requests identified under clause (i) that the Joint Chiefs of Staff de-

termined to be a validated requirement, including the number of hours or amount of capacity of such requests that were provided to each such commander; and

"(iii) with respect to such validated requirements, the number of hours or amount of capacity of intelligence, surveillance, and reconnaissance, by specific intelligence capability type, that the Joint Chiefs of Staff requested each military department to provide, and the number of such hours or the amount of such capacity so provided by each such military department; and".

(b) CODIFICATION.—Such section 1626, as amended by subsection (a), is—

(1) transferred to chapter 21 of title 10, United States Code; and

(2) redesignated as subsection (c) of section 426 of such title.

SEC. 1626. PROHIBITION ON THE AVAILABILITY OF FUNDS FOR DEPARTMENT OF DEFENSE ASSUMING BACKGROUND INVESTIGATION MISSION FOR THE FEDERAL GOVERNMENT.

None of the funds authorized to be appropriated by this Act or otherwise made available for fiscal year 2019 for the

Department of Defense may be obligated or expended during the period beginning on the date of the enactment of this Act and ending on December 31, 2019, to transfer to the Department the background investigation mission for all agencies or departments of the Federal Government using the National Background Investigation Bureau for investigative services as of April 1, 2018.

Subtitle C—Cyberspace-Related Matters

SEC. 1631. AMENDMENTS TO PILOT PROGRAM REGARDING CYBER VULNERABILITIES OF DEPARTMENT OF DEFENSE CRITICAL INFRASTRUCTURE.

Subsection (b) of section 1650 of the National Defense Authorization Act for Fiscal Year 2017 (10 U.S.C. 2224 note) is amended—

(1) in paragraph (1), in the matter preceding subparagraph (A), by inserting "and the Defense Digital Service" after "covered research laboratory";

(2) in paragraph (4), in the matter preceding subparagraph (A), by striking "2019" and inserting "2020"; and

(3) in paragraph (5), by striking "2019" and inserting "2020".

SEC. 1632. BUDGET DISPLAY FOR CYBER VULNERABILITY EVALUATIONS AND MITIGATION ACTIVITIES FOR MAJOR WEAPON SYSTEMS OF THE DEPARTMENT OF DEFENSE.

(a) BUDGET REQUIRED.—Beginning in fiscal year 2021 and in each fiscal year thereafter, the Secretary of Defense shall submit to Congress, as a part of the documentation that supports the President's annual budget for the Department of Defense, a consolidated Cyber Vulnerability Evaluation and Mitigation budget justification display for each major weapons system of the Department of Defense that includes the following:

(1) CYBER VULNERABILITY EVALUATIONS.—

(A) STATUS.—Whether, in accordance with paragraph (1) of section 1647(a) of the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114–92; 129 Stat. 1118), the cyber vulnerability evaluation for each such major weapon system is pending, in progress, complete, or, pursuant to paragraph (2) of such section, waived.

(B) FUNDING.—The funding required for the fiscal year with respect to which the budget is submitted and for at least the four succeeding fiscal years required to complete the pending or

in progress cyber vulnerability evaluation of each such major weapon system.

(C) DESCRIPTION.—A description of the activities planned in the fiscal year with respect to which the budget is submitted and at least the four succeeding fiscal years to complete the required evaluation for each such major weapon system.

(D) RISK ANALYSIS.—A description of operational or security risks associated with cyber vulnerabilities identified as a result of such cyber vulnerability evaluations that require mitigation.

(2) MITIGATION ACTIVITIES.—

(A) STATUS.—Whether activities to address identified cyber vulnerabilities of such major weapon systems resulting in operational or security risks requiring mitigation are pending, in progress, or complete.

(B) FUNDING.—The funding required for the fiscal year with respect to which the budget is submitted and for at least the four succeeding fiscal years required to complete the pending or in progress mitigation activities referred to in

subparagraph (A) related to such major weapon systems.

(C) DESCRIPTION.—A description of the activities planned in the fiscal year with respect to which the budget is submitted and at least the four succeeding fiscal years to complete any necessary mitigation.

(b) FORM.—The display required under subsection (a) shall be submitted in an unclassified form, but may include a classified annex if necessary.

SEC. 1633. TRANSFER OF RESPONSIBILITY FOR THE DEPARTMENT OF DEFENSE INFORMATION NETWORK TO UNITED STATES CYBER COMMAND.

(a) IN GENERAL.—Not later than September 30, 2019, the Secretary of Defense shall transfer all roles, missions, and responsibilities of the Commander, Joint Force Headquarters–Department of Defense Information Networks (JFHQ–DODIN) from the Defense Information Support Agency to the Commander, United States Cyber Command.

(b) CERTIFICATION REQUIRED.—Prior to the transfer required under subsection (a), the Secretary of Defense shall certify in writing to the congressional defense committees that such transfer shall not result in mission degradation.

SEC. 1634. PILOT PROGRAM AUTHORITY TO ENHANCE CYBERSECURITY AND RESILIENCY OF CRITICAL INFRASTRUCTURE.

(a) AUTHORITY.—The Secretary of Defense, in coordination with the Secretary of Homeland Security, is authorized to provide, detail, or assign technical personnel to the Department of Homeland Security on a non-reimbursable basis to enhance cybersecurity cooperation, collaboration, and unity of Government efforts.

(b) SCOPE OF ASSISTANCE.—The authority under subsection (a) shall be limited in any fiscal year to the provision of not more than 50 technical cybersecurity personnel from the Department of Defense to the Department of Homeland Security, including the national cybersecurity and communications integration center (NCCIC) of the Department, or other locations as agreed upon by the Secretary of Defense and the Secretary of Homeland Security.

(c) LIMITATION.—The authority under subsection (a) may not negatively impact the primary missions of the Department of Defense or the Department of Homeland Security.

(d) ESTABLISHMENT OF PROCEDURES.—

(1) IN GENERAL.—The Secretary of Defense and the Secretary of Homeland Security shall establish procedures to carry out subsection (a), including procedures relating to the protection of and safeguards

for maintenance of information held by the NCCIC regarding United States persons.

(2) LIMITATION.—Nothing in this subsection may be construed as providing authority to the Secretary of Defense to establish procedures regarding the NCCIC with respect to any matter outside the scope of this section.

(e) NO EFFECT ON OTHER AUTHORITY TO PROVIDE SUPPORT.—Nothing in this section may be construed to limit the authority of an Executive department, military department, or independent establishment to provide any appropriate support, including cybersecurity support, or to provide, detail, or assign personnel, under any other law, rule, or regulation.

(f) DEFINITIONS.—In this section, each of the terms "Executive department", "military department", and "independent establishment", has the meaning given each of such terms, respectively, in chapter 1 of title 5, United States Code.

(g) TERMINATION OF AUTHORITY.—This section shall terminate on September 30, 2022.

SEC. 1635. PILOT PROGRAM ON REGIONAL CYBER SECURITY TRAINING CENTER FOR THE ARMY NATIONAL GUARD.

(a) PILOT PROGRAM.—The Secretary of the Army may carry out a pilot program under which the Secretary establishes a National Guard training center to provide collaborative interagency education and training for members of the Army National Guard.

(b) DURATION.—If the Secretary carries out the pilot program under subsection (a), the Secretary shall carry out the pilot program for a two-year period.

(c) CENTER.—

(1) TRAINING AND COOPERATION.—In carrying out the pilot program under subsection (a), the Secretary shall ensure that the training center established under such subsection—

(A) educates and trains members of the Army National Guard quickly and efficiently by concurrently training cyber protection teams and cyber network defense teams on a common standard in order to defend—

(i) the information network of the Department of Defense in a State environment;

(ii) while acting under title 10, United States Code, the information networks of State governments; and

(iii) critical infrastructure;

(B) fosters interagency cooperation by—

(i) co-locating members of the Army National Guard with personnel of departments and agencies of the Federal Government and State governments; and

(ii) providing an environment to develop interagency relationship to coordinate responses and recovery efforts during and following a cyber attack;

(C) collaborates with academic institutions to develop and implement curriculum for interagency education and training within the classroom; and

(D) coordinates with the Persistent Cyber Training Environment of the Army Cyber Command in devising and implementing interagency education and training using physical and information technology infrastructure.

(2) LOCATIONS.—If the Secretary carries out the pilot program under subsection (a), the Secretary shall select one National Guard facility at which to

carry out the pilot program. The Secretary shall select a facility that is located in an area that meets the following criteria:

(A) The location has a need for cyber training, as measured by both the number of members of the Army National Guard that would apply for such training and the number of units of the Army National Guard that verify the unit would apply for such training.

(B) The location has high capacity information and telecommunications infrastructure, including high speed fiber optic networks.

(C) The location has personnel, technology, laboratories, and facilities to support proposed activities and has the opportunity for ongoing training, education, and research.

(d) ACTIVITIES.—If the Secretary carries out the pilot program under subsection (a), the Secretary shall ensure that the pilot program includes the following activities:

(1) Providing joint education and training and accelerating training certifications for working in a cyber range.

(2) Integrating education and training between the National Guard, law enforcement, and emergency medical and fire first responders.

(3) Providing a program to continuously train the cyber network defense teams to not only defend the information network of the Department of Defense, but to also provide education and training on how to use defense capabilities of the team in a State environment.

(4) Developing curriculum and educating the National Guard on the different missions carried out under titles 10 and 32, United States Code, in order to enhance interagency coordination and create a common operating picture.

SEC. 1636. PROCEDURES AND REPORTING REQUIREMENT ON CYBERSECURITY BREACHES AND LOSS OF PERSONALLY IDENTIFIABLE INFORMATION.

(a) IN GENERAL.—In the event of a significant loss of personally identifiable information of civilian or uniformed members of the Armed Forces, the Secretary of Defense shall promptly submit to the congressional defense committees notice in writing of such loss. Such notice may be submitted in classified or unclassified formats.

(b) PROCEDURES.—Not later than 180 days after the date of the enactment of this Act, the Secretary of Defense shall establish and submit to the congressional defense committees procedures for complying with the requirements of subsection (a). Such procedures shall be consistent with the

national security of the United States, the protection of operational integrity, and the protection of personally identifiable information of civilian and uniformed members of the Armed Forces.

(c) SIGNIFICANT LOSS OF PERSONALLY IDENTIFIABLE INFORMATION DEFINED.—In this section, the term "significant loss of personally identifiable information" means an intentional, accidental, or otherwise known disclosure of information that can be used to distinguish or trace an individual's identity, such as the name, Social Security number, date and place of birth, biometric records, home or other phone numbers, or other demographic, personnel, medical, or financial information, involving 250 or more civilian or uniformed members of the Armed Forces.

SEC. 1637. CYBER INSTITUTES AT THE SENIOR MILITARY COLLEGES.

(a) PROGRAM AUTHORIZED.—The Secretary of Defense may carry out a program to establish a cyber institute at each of the senior military colleges (referred to in this section as an "SMC Cyber Institute") for purposes of accelerating and focusing the development of foundational expertise in critical cyber operational skills for future military and civilian leaders of the Armed Forces and Department of Defense, including such leaders of the reserve components.

(b) ELEMENTS.—Each SMC Cyber Institute established under subsection (a) shall include the following:

(1) Programs to provide future military and civilian leaders of the Armed Forces or the Department of Defense who possess cyber operational expertise from beginning through advanced skill levels with instruction and practical experiences that lead to recognized certifications and degrees in cyber-related fields.

(2) Programs of targeted strategic foreign language proficiency training for such future leaders that—

(A) are designed to significantly enhance critical cyber operational capabilities; and

(B) are tailored to current and anticipated readiness requirements.

(3) Programs related to mathematical foundations of cryptography and courses in cryptographic theory and practice designed to complement and reinforce cyber education along with the strategic foreign language programs critical to cyber operations.

(4) Programs related to data science and courses in data science theory and practice designed to complement and reinforce cyber education along with the strategic foreign language programs critical to cyber operations.

(5) Programs designed to develop early interest and cyber talent through summer programs for elementary and secondary school students and dual enrollment opportunities for cyber, strategic foreign language, data science, and cryptography related courses.

(6) Training and education programs to expand the pool of qualified instructors necessary to support cyber education in regional school systems.

(c) PARTNERSHIPS WITH DEPARTMENT OF DEFENSE AND THE ARMED FORCES.—A SMC Cyber Institute established under subsection (a) may enter into a partnership with one or more components of the Armed Forces (active or reserve) or any agency of the Department of Defense to facilitate the development of critical cyber skills for students who may pursue a career with the Department of Defense.

(d) PARTNERSHIPS WITH OTHER SCHOOLS.—A SMC Cyber Institute established under subsection (a) may enter into a partnership with one or more local educational agencies to carry out the requirements of this section.

(e) SENIOR MILITARY COLLEGES DEFINED.—In this section, the term "senior military colleges" means the senior military colleges described in section 2111a(f) of title 10, United States Code.

SEC. 1638. STUDY AND REPORT ON RESERVE COMPONENT CYBER CIVIL SUPPORT TEAMS.

(a) STUDY REQUIRED.—The Secretaries concerned shall conduct a study on the feasibility, advisability, and necessity of the establishment of reserve component cyber civil support teams for each State.

(b) ELEMENTS.—The study under subsection (a) shall include the following:

(1) An examination of the potential ability of the teams referred to in such subsection to respond to an attack, natural disaster, or other large-scale incident affecting computer networks, electronics, or cyber capabilities.

(2) An analysis of State and local civilian and private sector cyber response capabilities and services, including an identification of any gaps in such capabilities and services.

(3) An identification of the potential role of such teams with respect to the principles and processes set forth in—

(A) Presidential Policy Directive 20 (United States Cyber Operations Policy);

(B) Presidential Policy Directive 21 (Critical Infrastructure Security and Resilience); and

(C) Presidential Policy Directive 41 (United States Cyber Incident Coordination).

(4) An explanation of how such teams may interact with other organizations and elements of the Federal Government that have responsibilities under the Presidential Policy Directives referred to in paragraph (3).

(5) The amount of funding and other resources that may be required by the Department of Defense to organize, train, and equip such teams.

(6) An explanation of how the establishment of such teams may affect the ability of the Department of Defense—

(A) to organize, train, equip, and employ the Cyber Mission Force, and other organic cyber forces; and

(B) to perform national defense missions and defense support to civil authorities for cyber incident response.

(7) An explanation of how the establishment of such teams may affect the ability of the Department of Homeland Security—

(A) to organize, train, equip, and employ cyber incident response teams; and

(B) to perform civilian cyber response missions.

(8) Any effects on the privacy and civil liberties of United States persons that may result from the establishment of such teams.

(9) Any other considerations determined to be relevant by the Secretaries concerned.

(c) REPORT REQUIRED.—Not later than 180 days after the date of the enactment of this Act, the Secretaries concerned shall submit to the appropriate congressional committees a report that includes—

(1) the results of the study conducted under subsection (a), including an explanation of each element described in subsection (b);

(2) the final determination of the Secretaries with respect to the feasibility, advisability, and necessity of establishing reserve component cyber civil support teams for each State; and

(3) if such final determination is in the affirmative, proposed legislation for the establishment of the teams, which may include proposed legislation to amend section 12310 of title 10, United States Code.

(d) DEFINITIONS.—In this section:

(1) The term "appropriate congressional committees" means—

(A) the congressional defense committees;

(B) the Committee on Homeland Security of the House of Representatives; and

(C) the Committee on Homeland Security and Governmental Affairs of the Senate.

(2) The term "reserve component cyber civil support team" means a team that—

(A) is comprised of members of the reserve components;

(B) is organized, trained, equipped, and sustained by the Department of Defense for the purpose of assisting State authorities in preparing for and responding to cyber incidents, cyber emergencies, and cyber attacks; and

(C) operates principally under the command and control of the Chief Executive of the State in which the team is located.

(3) The term "Secretaries concerned" means the Secretary of Defense and the Secretary of Homeland Security acting jointly.

(4) The term "State" means each of the several States, the District of Columbia, the Commonwealth of Puerto Rico, and the United States Virgin Islands.

Subtitle D—Nuclear Forces

SEC. 1641. UNDER SECRETARY OF DEFENSE FOR RESEARCH AND ENGINEERING AND THE NUCLEAR WEAPONS COUNCIL.

Section 179(a) of title 10, United States Code, is amended—

(1) in paragraph (1), by striking ", Technology, and Logistics" and inserting "and Sustainment";

(2) by redesignating paragraphs (4) and (5) as paragraphs (5) and (6), respectively; and

(3) by inserting after paragraph (3) the following new paragraph (4):

"(4) The Under Secretary of Defense for Research and Engineering.".

SEC. 1642. LONG-RANGE STANDOFF WEAPON REQUIREMENTS.

Subparagraphs (A) and (B) of section 217(a)(1) of the National Defense Authorization Act for Fiscal Year 2014 (Public Law 113–66; 127 Stat. 706) are amended to read as follows:

"(A) achieves initial operating capability for nuclear missions prior to the retirement of the nuclear-armed AGM–86;

"(B) achieves initial operating capability for conventional missions by not later than four

years after the date of the achievement under subparagraph (A); and''.

SEC. 1643. ACCELERATION OF GROUND-BASED STRATEGIC DETERRENT PROGRAM AND LONG-RANGE STANDOFF WEAPON PROGRAM.

(a) PLAN FOR ACCELERATION OF PROGRAMS.—Consistent with validated military requirements and in accordance with applicable provisions of Federal law regarding acquisition, the Under Secretary of Defense for Acquisition and Sustainment, in consultation with the Secretary of the Air Force, shall develop and implement—

(1) a plan to accelerate the development, procurement, and fielding of the ground-based strategic deterrent program; and

(2) a plan to accelerate the development, procurement, and fielding of the long-range standoff weapon.

(b) CRITERIA.—The plans developed under subsection (a) shall meet the following criteria:

(1) With respect to the plan developed under paragraph (1) of such subsection, the plan shall ensure that the ground-based strategic deterrent program includes the recapitalization of the full intercontinental ballistic missile weapon system for 400 deployed missiles and associated spares and 450

launch facilities, without phasing or splitting the program, including with respect to the missile flight system, ground-based infrastructure and equipment, appropriate command and control elements.

(2) The plans shall include a comprehensive assessment of the benefits, risks, feasibility, costs, and cost savings of various options for accelerating the respective program covered by the plan, including by considering—

(A) accelerating—

(i) the technology maturation and risk reduction phase, including through the identification of low and high technology readiness levels, requirements, and timelines for maturing such technology;

(ii) the award of an engineering and manufacturing development contract; and

(iii) making the milestone B decision;

(B) transitioning full acquisition authority, responsibility, and accountability of the respective program to the Secretary of the Air Force, including milestone decision authority;

(C) providing a general officer-level program executive officer a dedicated, single-program, long-term assignment with a tailored ac-

quisition approach, program strategy, and oversight model for the respective program that empowers the general officer to accelerate the program, make decisions, and be held accountable;

(D) streamlining, as appropriate, test and evaluation activities for the respective program, particularly for proven technologies, while ensuring high confidence in the final deployed system;

(E) leveraging agile software development or other innovative approaches to reduce timeframes for software development;

(F) identifying and proposing statutory changes that the Under Secretary or the Secretary of the Air Force determine could accelerate the respective program;

(G) identifying accelerated goals for initial operational capability and full operational capability for the respective program; and

(H) such other options as the Under Secretary or the Secretary of the Air Force consider appropriate.

(c) SUBMISSION.—Not later than 120 days after the date of the enactment of this Act, the Under Secretary, in consultation with the Secretary of the Air Force, shall submit to the congressional defense committees the plans devel-

oped under subsection (a), including an assessment of the options considered and the options selected to be implemented under the plans.

(d) BRIEFING.—Not later than 160 days after the date of the enactment of this Act, the Commander of the United States Strategic Command shall provide to the congressional defense committees a briefing on the views of the Commander with respect to the plans developed under subsection (a).

(e) DEFINITIONS.—In this section:

(1) The term "milestone B decision" has the meaning given that term in section 2400(a) of title 10, United States Code.

(2) The term "milestone decision authority" has the meaning given that term in section 2366a(d) of title 10, United States Code.

SEC. 1644. PROCUREMENT AUTHORITY FOR CERTAIN PARTS OF INTERCONTINENTAL BALLISTIC MISSILE FUZES.

(a) AVAILABILITY OF FUNDS.—Notwithstanding section 1502(a) of title 31, United States Code, of the amount authorized to be appropriated for fiscal year 2019 by section 101 and available for Missile Procurement, Air Force, as specified in the funding table in division D, $9,841,000 shall be available for the procurement of covered parts pur-

suant to contracts entered into under section 1645(a) of the Carl Levin and Howard P. "Buck" McKeon National Defense Authorization Act for Fiscal Year 2015 (Public Law 113–291; 128 Stat. 3651).

(b) COVERED PARTS DEFINED.—In this section, the term "covered parts" means commercially available off-the-shelf items as defined in section 104 of title 41, United States Code.

SEC. 1645. PROHIBITION ON REDUCTION OF THE INTERCONTINENTAL BALLISTIC MISSILES OF THE UNITED STATES.

(a) PROHIBITION.—Except as provided by subsection (b), none of the funds authorized to be appropriated by this Act or otherwise made available for fiscal year 2019 for the Department of Defense shall be obligated or expended for—

(1) reducing, or preparing to reduce, the responsiveness or alert level of the intercontinental ballistic missiles of the United States; or

(2) reducing, or preparing to reduce, the quantity of deployed intercontinental ballistic missiles of the United States to a number less than 400.

(b) EXCEPTION.—The prohibition in subsection (a) shall not apply to any of the following activities:

(1) The maintenance or sustainment of intercontinental ballistic missiles.

(2) Ensuring the safety, security, or reliability of intercontinental ballistic missiles.

SEC. 1646. EXTENSION OF PROHIBITION ON AVAILABILITY OF FUNDS FOR MOBILE VARIANT OF GROUND-BASED STRATEGIC DETERRENT MISSILE.

Section 1664 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114–328; 130 Stat. 2615), as amended by section 1663 by the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115–91), is amended by striking "2019" and inserting "2020".

SEC. 1647. INDEPENDENT STUDY ON NUCLEAR WEAPONS LAUNCH-UNDER-ATTACK OPTION.

(a) FINDINGS.—Congress finds the following:

(1) Maintaining a safe, effective, and reliable nuclear arsenal and command and control system are high priorities for ensuring national security.

(2) The current launch-under-attack option, particularly for the intercontinental ballistic missile forces, could require a quick decision, on the order of minutes, on whether to use these weapons to respond to an incoming attack.

(b) INDEPENDENT STUDY.—Not later than 30 days after the date of the enactment of this Act, the Secretary of Defense shall seek to enter into a contract with a federally

funded research and development center to conduct a study on the potential benefits and risks of reducing the role of the launch-under-attack option with respect to planning by the United States relating to nuclear weapons.

(c) SELECTION.—The Secretary may not enter into the contract under subsection (b) with a federally funded research and development center for which the Air Force is the primary sponsor.

(d) REPORTS.—

(1) SUBMISSION TO DOD.—Not later than 270 days after the date of the enactment of this Act, the federally funded research and development center shall submit to the Secretary a report containing the study conducted under subsection (b). Such report shall include the findings and recommendations of the center.

(2) SUBMISSION TO CONGRESS.—Not later than 30 days after the date on which the Secretary receives the report under paragraph (1), the Secretary shall submit to the congressional defense committees such report, without change.

(3) FORM.—The reports under paragraphs (1) and (2) shall be submitted in unclassified form, but may include a classified annex.

SEC. 1648. EXTENSION OF ANNUAL REPORT ON THE PLAN FOR THE NUCLEAR WEAPONS STOCKPILE, NUCLEAR WEAPONS COMPLEX, NUCLEAR WEAPONS DELIVERY SYSTEMS, AND NUCLEAR WEAPONS COMMAND AND CONTROL SYSTEM.

Section 1043(a)(1) of the National Defense Authorization Act for Fiscal Year 2012 (Public Law 112–81; 125 Stat. 1576) is amended by striking "2019" and inserting "2022".

SEC. 1649. SENSE OF CONGRESS ON NUCLEAR POSTURE OF THE UNITED STATES.

It is the sense of Congress that—

(1) for more than 70 years, the nuclear deterrent of the United States has played a central role in the national security of the United States and international stability;

(2) the nuclear forces of the United States have and will continue to play a fundamental role in deterring aggression against the interests of the United States and the allies of the United States in an increasingly dangerous world;

(3) strong, credible, and flexible nuclear forces of the United States assure the allies of the United States that the extended deterrence guarantees of the United States are credible and that the resolve of the United States remains strong even in the face of nu-

clear provocations, including nuclear coercion and blackmail;

(4) the 2017 National Security Strategy and the 2018 National Defense Strategy correctly assess that, due to increased global disorder and complexity, the decline of the international rules-based order and security environment, and the erosion of the competitive advantages of the United States, interstate strategic competition must now be the primary focus of the national security strategy of the United States;

(5) the 2018 Nuclear Posture Review aligns with these conclusions, and recognizes that deterrence is dynamic, not static, and that while the nuclear posture and policies of the United States are underpinned by enduring consistency, such posture and policies must also undergo measured adjustments to remain credible as threats evolve;

(6) the Russian Federation has elevated the role of nuclear weapons in its strategies, is developing and deploying new nuclear capabilities (including a recently announced nuclear-powered cruise missile and high-speed, nuclear-powered underwater drone), is violating many arms control agreements (including the INF Treaty), and has made explicit nuclear

threats against the United States and the allies of the United States;

(7) the United States remains committed to its full range of nuclear arms control and nonproliferation obligations and seeks continued engagement for prudent and verifiable agreements, however, the policies and actions of the United States must also hold states that violate arms control treaties accountable for such violations and take such violations into account when considering further arms control agreements;

(8) the North Atlantic Treaty Organization (NATO) plays an essential role in the national security of the United States and NATO should continue to strengthen and align its nuclear and conventional deterrence posture, planning, and exercises to align with modern threats, including modernizing its dual-capable aircraft, command and control networks, nuclear-related facilities, and conventional capabilities;

(9) to deter large-scale, catastrophic war with Russia, the People's Republic of China, and other potential adversaries, as well as reassure allies, the United States requires reliable, diverse, and tailorable nuclear forces that are able to respond to a variety of

current threats while preparing for future uncertainty;

(10) the 2018 Nuclear Posture Review reconfirms the value of the nuclear triad and dual-capable aircraft of the United States, directs the continuation of the comprehensive nuclear modernization program initiated by the previous administration, and proposes two supplemental capabilities (a lower-yield submarine-launched ballistic missile warhead and a sea-launched cruise missile) that will strengthen deterrence and assurance and reduce the chances that nuclear weapons are used in conflict;

(11) three successive Secretaries of Defense across two administrations have stated that nuclear deterrence is the highest priority mission of the Department of Defense; and

(12) in light of this prioritization, the age of the current nuclear forces and infrastructure of the United States, and the small percentage of the defense budget that will be expended on the recapitalization of the nuclear deterrent of the United States, the modernization of the nuclear forces, command and control systems, and supporting infrastructure of the United States is affordable and a national imperative.

SEC. 1650. SENSE OF CONGRESS ON EXTENDED NUCLEAR DETERRENCE IN THE INDO-PACIFIC REGION.

It is the sense of Congress that—

(1) the nuclear program of the Democratic People's Republic of Korea poses a critical national security threat not only to the United States, but to the security and stability of the entire Indo-Pacific region, including South Korea, Japan, and Australia;

(2) the nuclear and conventional forces of the United States continue to play a fundamental role in deterring aggression against its interests and the interests of its allies in the Indo-Pacific region and beyond;

(3) the United States stands unwaveringly behind its treaty obligations and assurances, including those related to defense and extended nuclear deterrence, to South Korea, Japan, and Australia;

(4) the complete, verifiable, and irreversible denuclearization of the Democratic People's Republic of Korea remains a central foreign policy objective of the United States;

(5) the status of any denuclearization or end-of-conflict agreement with the Democratic People's Republic of Korea should not supersede such treaty obligations and assurances described in paragraph (3); and

(6) the presence of United States Forces on the Korean Peninsula should remain strong and enduring.

Subtitle E—Missile Defense Programs

SEC. 1661. DEVELOPMENT OF PERSISTENT SPACE-BASED SENSOR ARCHITECTURE.

(a) FINDINGS.—Congress finds the following:

(1) Absent a missile defense review, the budget of the President submitted to Congress under section 1105(a) of title 31, United States Code, for fiscal year 2019 did not propose funding for efforts within the Missile Defense Agency to further develop the Missile Defense Tracking System (a future space sensor architecture) and instead funds were provided to the Air Force to determine the plan of the Department of Defense for future missile warning and tracking capabilities.

(2) Delaying development and deployment of a space-based missile tracking capability further places the United States at a disadvantage against hypersonic threats.

(b) DEVELOPMENT REQUIRED.—Subsection (a) of section 1683 of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115–91; 131. Stat. 1777) is

amended by striking "If consistent with the direction or recommendations of the Ballistic Missile Defense Review that commenced in 2017, the Director of the Missile Defense Agency" and inserting "Beginning fiscal year 2019, the Director of the Missile Defense Agency, in coordination with the Director of National Intelligence, the Commander of the Air Force Space Command, and the Commander of the United States Strategic Command,".

(c) PLAN.—

(1) LIMITATION.—Of the funds authorized to be appropriated by this Act or otherwise made available for fiscal year 2019 for the Department of Defense for the development of the space-based sensor architecture under subsection (a) of section 1683 of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115–91; 131 Stat. 1777), not more than 25 percent may be obligated or expended until the date on which the Director of the Missile Defense Agency submits the plan under subsection (e) of such section.

(2) CLARIFICATION OF ROLES.—Section 1683(e) of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115–91; 131 Stat. 1777) is amended by striking "the Director shall submit" and inserting "the Director of the Missile Defense Agency, in coordination with the Director of National Intel-

ligence, the Commander of the Air Force Space Command, and the Commander of the United States Strategic Command shall submit".

(d) REPORT ON USE OF OTHER AUTHORITIES.—Such section 1683 is further amended—

(1) by redesignating subsection (f) as subsection (g); and

(2) by inserting after subsection (e) the following new subsection (f):

"(f) REPORT ON USE OF OTHER AUTHORITIES.—Not later than January 31, 2019, the Director of the Missile Defense Agency shall submit to the appropriate congressional committees a report on the options available to the Director to use other transactional authorities pursuant to section 2371 of title 10, United States Code, to accelerate the development and deployment of the sensor architecture required by subsection (a).".

SEC. 1662. BOOST PHASE BALLISTIC MISSILE DEFENSE.

(a) DEVELOPMENT AND STUDY.—Section 1685 of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115–91; 10 U.S.C. 2431 note) is amended by adding at the end the following new subsections:

"(d) DEVELOPMENT.—

"(1) REQUIREMENT.—Beginning fiscal year 2019, the Director of the Missile Defense Agency shall

carry out a program to develop boost phase intercept capabilities that—

"(A) are cost effective;

"(B) are air-launched, ship-based, or both; and

"(C) include kinetic interceptors.

"(2) PARTNERSHIPS.—In developing kinetic boost phase intercept capabilities under paragraph (1), the Director may enter into partnerships with the Ministry of National Defense of the Republic of Korea or the Ministry of Defense of Japan, or both.

"(e) INDEPENDENT STUDY.—

"(1) REQUIREMENT.—The Secretary of Defense shall seek to enter into an agreement with a federally funded research and development center to conduct a feasibility study on providing an initial or demonstrated boost phase capability using unmanned aerial vehicles and kinetic interceptors by December 31, 2021. Such study shall include, at a minimum, a review of the study published by the Science, Technology, and National Security Working Group of the Massachusetts Institute of Technology in 2017 titled 'Airborne Patrol to Destroy DPRK ICBMs in Powered Flight'.

"(2) SUBMISSION.—Not later than July 31, 2019, the Secretary shall submit to the congressional defense committees the study conducted under paragraph (1).".

(b) DIRECTED ENERGY DEVELOPMENT.—Subsection (b) of such section is amended—

(1) by striking "The Secretary of Defense" and inserting the following:

"(1) IN GENERAL.—The Secretary of Defense"; and

(2) by adding at the end the following new paragraph:

"(2) ROLE OF DIRECTOR.—

"(A) TRANSFER OF RESPONSIBILITY.—Beginning fiscal year 2019, the Secretary shall transfer from the Under Secretary of Defense for Research and Engineering to the Director of the Missile Defense Agency the responsibility to continue developing the interim directed energy boost phase ballistic missile defense capability specified in paragraph (1).

"(B) OTHER PROGRAMS.—In continuing the development under subparagraph (A), the Director shall—

"(i) leverage the efforts of the Under Secretary under the high energy laser advanced development program; and

"(ii) share with the Under Secretary any information useful to such program.

"(C) BRIEFING.—Not later than February 28, 2019, the Director shall provide to the Committees on Armed Services of the House of Representatives and the Senate, and to any other congressional defense committee upon request, a briefing on—

"(i) specific criteria that the Director will address in the development under subparagraph (A); and

"(ii) parameters used to measure progress in such development.".

(c) MODIFICATION TO SENSE OF CONGRESS.—Subsection (a) of such section is amended by striking ", if consistent with the direction or recommendations of the Ballistic Missile Defense Review that commenced in 2017".

SEC. 1663. IMPROVEMENTS TO RESEARCH AND DEVELOPMENT AND ACQUISITION PROCESSES OF MISSILE DEFENSE AGENCY.

(a) RESEARCH AND DEVELOPMENT.—

(1) TRANSFER.—Not later than September 30, 2020, the Secretary of Defense shall transfer the authority and the total obligational authority for each research and development program described in paragraph (2) from the Under Secretary of Defense for Research and Engineering to the Director of the Missile Defense Agency.

(2) RESEARCH AND DEVELOPMENT PROGRAM DESCRIBED.—A research and development program described in this paragraph is a program that the Under Secretary identifies as meeting each of the following criteria:

(A) The program consists of efforts to develop prototypes or science and technology, or has not yet received Milestone B approval (as defined in section 2366 of title 10, United States Code).

(B) The efforts of the program either—

(i) are planned to be incorporated into ballistic missile defense systems; or

(ii) have explicit applications for ballistic missile defense or hypersonic defense.

(3) REPORT.—Not later than March 31, 2019, the Under Secretary shall submit to the congressional defense committees a report that—

(A) lists each research and development program identified under paragraph (2); and

(B) a summary of the efforts and funding required for such programs during the period covered by the future-years defense program under section 221 of title 10, United States Code, as of the date of the report.

(b) NOTIFICATION ON CHANGES TO NON-STANDARD ACQUISITION PROCESSES AND RESPONSIBILITIES.—

(1) LIMITATION.—None of the funds authorized to be appropriated by this Act or otherwise made available for fiscal year 2019 for the Secretary of Defense may be obligated or expended to change the non-standard acquisition processes and responsibilities described in paragraph (2) until—

(A) the Secretary notifies the congressional defense committees of such proposed change; and

(B) a period of 180 days has elapsed following the date of such notification.

(2) NON-STANDARD ACQUISITION PROCESSES AND RESPONSIBILITIES DESCRIBED.—The non-standard acquisition processes and responsibilities described in this paragraph are such processes and responsibilities described in—

(A) the memorandum of the Secretary of Defense titled "Missile Defense Program Direction" signed on January 2, 2002;

(B) Department of Defense Directive 5134.09, as in effect on the date of the enactment of this Act; and

(C) United States Strategic Command Instruction 583–3.

(c) INTEGRATED MASTER TEST PLAN INFORMATION.—

(1) PUBLIC AVAILABILITY.—Together with the release of each integrated master test plan of the Missile Defense Agency, the Director of the Missile Defense Agency shall make publicly available a version of each such plan that identifies the fiscal year and the fiscal quarter in which events under the plan will occur.

(2) SUBMISSION.—Not later than 30 days after the budget of the President for each of fiscal years 2020 and 2021 is submitted to Congress under section 1105 of title 31, United States Code, the Director shall submit to the congressional defense committees the integrated master test plan of the Missile Defense Agency, including any classified and unclassified versions of such plan.

(d) MISSILE DEFENSE EXECUTIVE BOARD.—In addition to the Under Secretary of Defense for Research and Engineering serving as chairman of the Missile Defense Executive Board pursuant to section 1676(c)(3)(B) of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115–91; 131 Stat. 1773), the Under Secretary of Defense for Acquisition and Sustainment shall serve—

(1) as a member of the Board; and

(2) as co-chairman with respect to decisions regarding acquisition and the approval of acquisition and production milestones, including with respect to the use of other transaction authority contracts and transactions in excess of $500,000,000 (including all options).

SEC. 1664. LAYERED DEFENSE OF THE UNITED STATES HOMELAND.

(a) FINDINGS.—Congress finds the following:

(1) The United States homeland (including Hawaii and Alaska) is currently protected against intercontinental ballistic missiles by the ground-based midcourse defense system, with 44 ground-based interceptors located at Fort Greely, Alaska, and Vandenberg, California.

(2) The Department of Defense plans to expand the number of ground-based interceptors to 64 inter-

ceptors by 2023 by adding Missile Field 4 at Fort Greely, Alaska.

(b) SENSE OF CONGRESS.—It is the sense of Congress that the United States should—

(1) continue to explore and deploy capabilities that increase the layered defense of the United States homeland;

(2) support, if determined by the Secretary of Defense as necessary for the national security of the United States, the deployment of a ground-based interceptor site, or potential other ballistic missile defense systems pending successful testing, on the East Coast of the United States that—

(A) weighs cost effectiveness and prioritization of capability; and

(B) provides for increased protection of the continental United States from North Korean and Iranian threats;

(3) support the ability of the Army, the Navy, and the Missile Defense Agency to deploy fixed, semi-fixed, and mobile at-sea and ashore assets to locations to increase the layered defense of all of the United States homeland; and

(4) support, as appropriate, further analysis and testing for regional systems to be employed for the layered defense of the United States homeland.

(c) CERTIFICATION.—Before the Secretary of Defense makes a potential determination to deploy regional assets to provide missile defense from longer range threats, the Secretary shall certify to the congressional defense committees that such deployment would not unnecessarily undermine or pose additional risk to strategic stability.

(d) BRIEFING.—Not later than January 31, 2019, the Director of the Missile Defense Agency, in coordination with the Under Secretary of Defense for Policy, the Commander of the United States Northern Command, and the Commander of the United States Pacific Command, shall provide to the Committees on Armed Services of the House of Representatives and the Senate, and to any other congressional defense committee upon request, a briefing that—

(1) describes options and plans to increase or improve the layered protection of the United States homeland (including Hawaii and Alaska) from threats posed by North Korea and threats posed by Iran;

(2) addresses the capabilities and reliability of missile defense systems to defend against potential

trajectories of missiles from both the North and South Poles; and

(3) addresses technical capability and policy with respect to such options.

SEC. 1665. TESTING OF REDESIGNED KILL VEHICLE PRIOR TO PRODUCTION.

(a) SUCCESSFUL TESTING REQUIRED.—Except as provided by subsection (b), the Director of the Missile Defense Agency may not make a lot production decision for the redesigned kill vehicle unless the vehicle has undergone at least one successful flight intercept test that meets the following criteria:

(1) The test sufficiently assesses the performance of the vehicle in order to inform a lot production decision.

(2) The results of the test demonstrate that the vehicle—

(A) will work in an effective manner; and

(B) has the ability to accomplish the intended mission of the vehicle.

(b) WAIVER.—The Secretary of Defense, without delegation, may waive subsection (a) if—

(1) the Secretary determines that the waiver is in the interest of national security;

(2) the Secretary determines that the threat of missiles is advancing at a pace that requires additional capacity of the ground-based midcourse system by 2023;

(3) the Secretary determines that the waiver is appropriate in light of the assessment conducted by the Director of Operational Test and Evaluation under subsection (c);

(4) the Secretary submits to the congressional defense committees a report containing—

(A) a notice of the waiver, including the rationale of the Secretary for making the waiver;

(B) a certification by the Secretary that the Secretary has analyzed and accepts the risk of making and implementing a lot production decision for the redesigned kill vehicle prior to the vehicle undergoing a successful flight intercept test; and

(C) the assessment of the Director of Operational Test and Evaluation under subsection (c); and

(5) a period of 30 days elapses following the date on which the Secretary submits the report under paragraph (4).

(c) ASSESSMENT ON RISKS.—The Director of Operational Test and Evaluation shall submit to the Secretary of Defense an assessment on the risks of making a lot production decision for the redesigned kill vehicle prior to the vehicle undergoing a successful flight intercept test.

SEC. 1666. REQUIREMENTS FOR BALLISTIC MISSILE DEFENSE CAPABLE SHIPS.

(a) FORCE STRUCTURE ASSESSMENT.—The Secretary of the Navy, in consultation with the Director of the Missile Defense Agency, shall include in the first force structure assessment conducted following the date of the enactment of this Act the following:

(1) An assessment of the requirements for ballistic missile defense capable ships.

(2) The force structure requirements associated with advanced ballistic missile defense capabilities.

(b) FORCE STRUCTURE ASSESSMENT DEFINED.—The term "force structure assessment" has the meaning given the term in Chief of Naval Operations Instruction 3050.27.

SEC. 1667. MULTIYEAR PROCUREMENT AUTHORITY FOR STANDARD MISSILE–3 BLOCK IB MISSILES.

(a) AUTHORITY FOR MULTIYEAR PROCUREMENT.—Subject to section 2306b of title 10, United States Code, the Director of the Missile Defense Agency may enter into one or more multiyear contracts, beginning with the 2019 pro-

gram year, for the procurement of standard missile–3 block IB missiles.

(b) CONDITION FOR OUT-YEAR CONTRACT PAYMENTS.—A contract entered into under subsection (a) shall provide that any obligation of the United States to make a payment under the contract for a fiscal year after fiscal year 2019 is subject to the availability of appropriations or funds for that purpose for such later fiscal year.

SEC. 1668. LIMITATION ON AVAILABILITY OF FUNDS FOR ARMY LOWER TIER AIR AND MISSILE DEFENSE SENSOR.

(a) LIMITATION.—If the Secretary of the Army issues an acquisition strategy for a 360-degree lower tier air and missile defense sensor pursuant to section 1679(a) of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115–91; 131 Stat. 1774) that proposes such sensor achieve initial operating capability later than December 31, 2023, not more than 50 percent of the funds authorized to be appropriated by this Act or otherwise made available for fiscal year 2019 for such sensor may be obligated or expended until the date on which the Secretary submits to the congressional defense committees a report—

(1) explaining the rationale of such delayed initial operating capability, including a description of

any technological or acquisition-related factors causing such delay; and

(2) containing a funding profile and schedule to ensure that such sensor would achieve initial operating capability by December 31, 2023.

(b) PERFORMANCE SPECIFICATION.—The Secretary shall ensure that the performance specification of the 360-degree lower tier air and missile defense sensor—

(1) specifies requirements relating to—

(A) detecting and tracking complex attacks from air breathing threats, tactical ballistic missiles, and emerging hypersonic weapons; and

(B) being a key component of the future integrated air and missile defense architecture of the Army and supporting engagements for the full range and capability of Patriot Advanced Capability–3 missile segment enhancement interceptors; and

(2) uses evaluation criteria that enables an understanding of the cost and value of procuring such sensor in accordance with such specified requirements.

SEC. 1669. MISSILE DEFENSE RADAR IN HAWAII.

(a) SENSE OF CONGRESS.—It is the sense of Congress that the Secretary of Defense, acting through the Director

of the Missile Defense Agency, and in coordination with relevant Federal and local entities, should—

(1) ensure an on-time or improved delivery schedule of the discrimination radar for homeland defense to be made operational in Hawaii; and

(2) accelerate the deployment of the radar as much as possible, contingent on the environmental review process pursuant to the National Environmental Policy Act of 1969 (42 U.S.C. 4321 et seq.).

(b) CERTIFICATION.—Not later than 45 days after the date of the enactment of this Act, the Director of the Missile Defense Agency shall certify to the congressional defense committees that—

(1) the Director is on schedule to award the contract for the discrimination radar for homeland defense planned to be located in Hawaii by December 31, 2018; and

(2) such radar and associated in-flight interceptor communications system data terminal will be operational by not later than September 30, 2023.

(c) BRIEFINGS.—

(1) DELAYED SCHEDULE.—If the Director is unable to certify under subsection (b) that the Director is on schedule to award the contract for the discrimination radar for homeland defense planned to be lo-

cated in Hawaii by December 31, 2018, not later than 45 days after the date of the enactment of this Act, and on a biweekly basis thereafter until the date of the award, the Director shall provide to the Committees on Armed Services of the House of Representatives and the Senate, and to any other congressional defense committee upon request, a briefing explaining—

(A) the rationale for the delay in such schedule; and

(B) any effects of such delay in making such radar and associated in-flight interceptor communications system data terminal operational by not later than September 30, 2023.

(2) SEMIANNUAL.—Not later than 45 days after the date of the enactment of this Act, and semiannually thereafter through 2021, the Director shall provide to the Committees on Armed Services of the House of Representatives and the Senate, and to any other congressional defense committee upon request, a briefing on—

(A) the acquisition of the discrimination radar for homeland defense planned to be located in Hawaii and the associated in-flight inter-

ceptor communications system data terminal; and

(B) the environmental review process for such radar pursuant to the National Environmental Policy Act of 1969 (42 U.S.C. 4321 et seq.).

SEC. 1670. REPORTS ON UNFUNDED PRIORITIES OF THE MISSILE DEFENSE AGENCY.

(a) REPORTS.—Not later than 10 days after the date on which the budget of the President for each of fiscal years 2020 and 2021 is submitted to Congress pursuant to section 1105 of title 31, United States Code, the Director of the Missile Defense Agency shall submit to the Secretary of Defense and the Chairman of the Joint Chiefs of Staff, and to the congressional defense committees, a report on the unfunded priorities of the Missile Defense Agency.

(b) ELEMENTS.—

(1) MATTERS INCLUDED.—Each report under subsection (a) shall specify, for each unfunded priority covered by such report, the following:

(A) A summary description of such priority, including the objectives to be achieved if such priority is funded (whether in whole or in part).

(B) The additional amount of funds recommended in connection with the objectives under subparagraph (A).

(C) Account information with respect to such priority, including, as applicable—

(i) the line item number for applicable procurement accounts;

(ii) the program element number for applicable research, development, test, and evaluation accounts; and

(iii) the sub-activity group for applicable operation and maintenance accounts.

(2) PRIORITIZATION OF PRIORITIES.—Each report under subsection (a) shall present the unfunded priorities covered by such report in order of urgency of priority.

(c) UNFUNDED PRIORITY DEFINED.—In this section, the term "unfunded priority", in the case of a fiscal year, means a program, activity, or mission requirement of the Missile Defense Agency that—

(1) is not funded in the budget of the President for the fiscal year as submitted to Congress pursuant to section 1105 of title 31, United States Code;

(2) is necessary to fulfill a requirement associated with an operational or contingency plan of a

combatant command or other validated requirement; and

(3) would have been recommended for funding through the budget referred to in paragraph (1) by the Director of the Missile Defense Agency in connection with the budget if—

(A) additional resources had been available for the budget to fund the program, activity, or mission requirement; or

(B) the program, activity, or mission requirement has emerged since the budget was formulated.

SEC. 1671. REPORT ON BALLISTIC MISSILE DEFENSE.

(a) FINDINGS.—Congress finds the following:

(1) The Secretary of Defense is conducting a ballistic missile defense review that will assess the capabilities and requirements for homeland, regional, and theater missile defense.

(2) This review will have significant implications for national security and potentially on resource prioritization and requirements.

(3) The review was initially expected to have been completed by January but has been delayed several months due to revisions and has not yet been submitted to Congress.

(b) REPORT.—Not later than 30 days after the date of the enactment of this Act, the Secretary of Defense shall submit to the congressional defense committees a report on ballistic missile defense that addresses the implications for planned programs of record, costs and resource prioritization, and strategic stability.

SEC. 1672. SENSE OF CONGRESS ON MISSILE AND ROCKET DEFENSE COOPERATION BETWEEN THE UNITED STATES AND ISRAEL.

(a) FINDINGS.—Congress finds the following:

(1) The United States and Israel signed a Memorandum of Understanding on September 14, 2016, that covers the 10-year period beginning with fiscal year 2019.

(2) The Memorandum of Understanding states that the United States will provide annual funding of $500,000,000 for cooperative programs to develop, produce, and procure missile, rocket, and projectile defense capabilities to help Israel meet its security needs and to help develop and enhance the missile defense capabilities of the United States.

(3) The Memorandum of Understanding further states that Israel may seek additional missile defense funding from the United States in exceptional cir-

cumstances, as may be jointly agreed by the United States and Israel.

(b) SENSE OF CONGRESS.—It is the sense of Congress that—

(1) the strong and enduring relationship between the United States and Israel is in the national security interest of both countries; and

(2) the September 2016 Memorandum of Understanding between the United States and Israel, including the provisions of the memorandum relating to missile and rocket defense cooperation, is a critical component of the bilateral relationship.

Subtitle F—Other Matters

SEC. 1681. EXTENSION OF COMMISSION TO ASSESS THE THREAT TO THE UNITED STATES FROM ELECTROMAGNETIC PULSE ATTACKS AND SIMILAR EVENTS.

Section 1691 of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115–91; 131 Stat. 1786) is amended—

(1) in subsection (e)—

(A) in paragraph (1)(A), by striking "April 1, 2019" and inserting "December 1, 2019"; and

(B) in paragraph (3), by striking "October 1, 2018" and inserting "March 1, 2019"; and

(2) in subsection (h), by striking "October 1, 2019" and inserting "the date that is 180 days after the date on which the Commission submits the report under subsection (e)(1)".

SEC. 1682. PROCUREMENT OF AMMONIUM PERCHLORATE AND OTHER CHEMICALS FOR USE IN SOLID ROCKET MOTORS.

(a) BUSINESS CASE ANALYSIS.—

(1) GOVERNMENT-OWNED, CONTRACTOR OPERATED.—The Secretary of the Army and the Deputy Assistant Secretary of Defense for Manufacturing and Industrial Base Policy shall jointly conduct a business case analysis of the Federal Government using a Government-owned, contractor-operated model to ensure a robust domestic industrial base to supply specialty chemicals, including ammonium perchlorate, for use in solid rocket motors. Such analysis shall include assessments of the near- and long-term costs, operating and sustainment costs, program impacts, opportunities for competition, opportunities for redundant or complementary capabilities, and national security implications of using such a model.

(2) REPORT.—Not later than March 1, 2019, the Secretary and the Deputy Assistant Secretary shall submit to the congressional defense committees the

business case analysis conducted under paragraph (1).

(b) FULL AND OPEN COMPETITION.—

(1) USE.—To the extent practicable, in awarding a contract for the sale of ammonium perchlorate from retired solid rocket motors, the Secretary of Defense shall use full and open competition (as defined in section 107 of title 41, United States Code).

(2) NOTIFICATION.—If the Secretary awards a contract for the sale of ammonium perchlorate from retired solid rocket motors using procedures that do not include full and open competition, the Secretary shall notify the congressional defense committees of such award not later than 30 days after the date of such award.

SEC. 1683. CONVENTIONAL PROMPT GLOBAL STRIKE HYPERSONIC CAPABILITIES.

(a) VALIDATED REQUIREMENTS.—Not later than November 30, 2018, the Secretary of Defense shall submit to the congressional defense committees a validated requirement for ground-, sea-, or air-launched (or a combination thereof) conventional prompt global strike hypersonic capabilities.

(b) REPORT.—Not later than January 31, 2019, the Under Secretary of Defense for Acquisition and

Sustainment, in coordination with the Secretary of the Navy and the Under Secretary of Defense for Policy, shall submit to the congressional defense committees a report that contains the following:

(1) A plan to deliver a conventional prompt global strike weapon system that—

(A) is in accordance with section 1693 of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115–91; 131 Stat. 1791); and

(B) includes—

(i) options with cost estimates for accelerating the initial capability for such system; and

(ii) a description of policy decisions by the Secretary of Defense that are necessary to employ hypersonic offense capabilities from each potential launch platform of such system.

(2) Details with respect to the assessed level of ambiguity and misinterpretation risk relating to the conventional prompt global strike weapon system, including such potential risks associated with warhead ambiguity, platform ambiguity (including if adversary sensors are degraded), perceptions of the surviv-

ability of strategic nuclear forces, and likely adversary responses.

(3) A description of whether, when, and how the Under Secretary would address the risks identified under paragraph (2) in developing and deploying the conventional prompt global strike weapon system and in developing the concept of operations for such system.

SEC. 1684. REPORT REGARDING INDUSTRIAL BASE FOR LARGE SOLID ROCKET MOTORS.

(a) REPORT.—

(1) IN GENERAL.—Not later than April 15, 2019, the Under Secretary of Defense for Acquisition and Sustainment, in consultation with the Secretaries of the military departments that the Under Secretary determines appropriate, shall submit to the appropriate congressional committees a report on whether, and if so, how, the Federal Government will sustain more than one supplier for large solid rocket motors.

(2) MATTERS INCLUDED.—The report under paragraph (1) shall include an assessment of the following:

(A) The risks within the industrial base for large solid rocket motors, including the risks to national security.

(B) The near- and long-term costs associated with having a single source of large solid rocket motors as compared to having more than one such source.

(C) Options for sustaining more than one supplier for large solid rocket motors, including through leveraging—

(i) the ground-based strategic deterrent program;

(ii) the Trident II D5 fleet ballistic missile program;

(iii) the ground-based midcourse defense program;

(iv) national security space launch programs;

(v) programs of the National Aeronautics and Space Administration; and

(vi) any other applicable programs that use or may use solid rocket motors of any size, including with respect to substrategic and tactical systems.

(b) BRIEFING.—Not later than November 30, 2018, the Under Secretary shall provide to the Committees on Armed Services of the House of Representatives and the Senate, and to any other appropriate congressional committee upon

request, a briefing on the industrial base for large solid rocket motors.

(c) APPROPRIATE CONGRESSIONAL COMMITTEES DEFINED.—In this section, the term "appropriate congressional committees" means the following:

(1) The congressional defense committees.

(2) The Committee on Science, Space, and Technology and the Permanent Select Committee on Intelligence of the House of Representatives.

(3) The Committee on Commerce, Science, and Transportation and the Select Committee on Intelligence of the Senate.

SEC. 1685. NATIONAL INTELLIGENCE ESTIMATE WITH RESPECT TO RUSSIAN AND CHINESE INTERFERENCE IN DEMOCRATIC COUNTRIES.

Not later than 270 days after the date of the enactment of this Act, the Director of National Intelligence shall commission and produce a National Intelligence Estimate, which may be submitted in classified form with an unclassified summary, on Russian and Chinese interference in democratic countries around the world, including the United States, that contains specific descriptions of such interference.

DIVISION B—MILITARY CONSTRUCTION AUTHORIZATIONS

SEC. 2001. SHORT TITLE.

This division may be cited as the "Military Construction Authorization Act for Fiscal Year 2019".

SEC. 2002. EXPIRATION OF AUTHORIZATIONS AND AMOUNTS REQUIRED TO BE SPECIFIED BY LAW.

(a) EXPIRATION OF AUTHORIZATIONS AFTER FIVE YEARS.—Except as provided in subsection (b), all authorizations contained in titles XXI through XXVII and title XXIX for military construction projects, land acquisition, family housing projects and facilities, and contributions to the North Atlantic Treaty Organization Security Investment Program (and authorizations of appropriations therefor) shall expire on the later of—

(1) October 1, 2023; or

(2) the date of the enactment of an Act authorizing funds for military construction for fiscal year 2024.

(b) EXCEPTION.—Subsection (a) shall not apply to authorizations for military construction projects, land acquisition, family housing projects and facilities, and contributions to the North Atlantic Treaty Organization Security

Investment Program (and authorizations of appropriations therefor), for which appropriated funds have been obligated before the later of—

(1) October 1, 2023; or

(2) the date of the enactment of an Act authorizing funds for fiscal year 2024 for military construction projects, land acquisition, family housing projects and facilities, or contributions to the North Atlantic Treaty Organization Security Investment Program.

SEC. 2003. EFFECTIVE DATE.

Titles XXI through XXVII and title XXIX shall take effect on the later of—

(1) October 1, 2018; or

(2) the date of the enactment of this Act.

TITLE XXI—ARMY MILITARY CONSTRUCTION

SEC. 2101. AUTHORIZED ARMY CONSTRUCTION AND LAND ACQUISITION PROJECTS.

(a) INSIDE THE UNITED STATES.—Using amounts appropriated pursuant to the authorization of appropriations in section 2103(a) and available for military construction projects inside the United States as specified in the funding table in section 4601, the Secretary of the Army may acquire real property and carry out military construction

projects for the installations or locations inside the United States, and in the amounts, set forth in the following table:

Army: Inside the United States

State	Installation	Amount
Alabama	*Anniston Army Depot*	*$5,200,000*
California	*Fort Irwin*	*$29,000,000*
Colorado	*Fort Carson*	*$77,000,000*
Georgia	*Fort Gordon*	*$99,000,000*
Indiana	*Crane Army Ammunition Plant*	*$16,000,000*
Kentucky	*Fort Campbell*	*$50,000,000*
	Fort Knox	*$26,000,000*
Maryland	*Fort Meade*	*$16,500,000*
New Jersey	*Picatinny Arsenal*	*$41,000,000*
New Mexico	*White Sands Missile Range*	*$40,000,000*
New York	*U.S. Military Academy*	*$160,000,000*
North Carolina	*Fort Bragg*	*$10,000,000*
South Carolina	*Fort Jackson*	*$52,000,000*
Texas	*Fort Bliss*	*$24,000,000*
	Fort Hood	*$9,600,000*

(b) OUTSIDE THE UNITED STATES.—Using amounts appropriated pursuant to the authorization of appropriations in section 2103(a) and available for military construction projects outside the United States as specified in the funding table in section 4601, the Secretary of the Army may acquire real property and carry out the military construction project for the installations or locations outside the United States, and in the amount, set forth in the following table:

Army: Outside the United States

Country	Installation	Amount
Germany	*East Camp Grafenwoehr*	*$31,000,000*
Honduras	*Soto Cano Air Base*	*$21,000,000*
Korea	*Camp Tango*	*$17,500,000*
Kuwait	*Camp Arifjan*	*$44,000,000*

SEC. 2102. FAMILY HOUSING.

(a) CONSTRUCTION AND ACQUISITION.—Using amounts appropriated pursuant to the authorization of ap-

propriations in section 2103(a) and available for military family housing functions as specified in the funding table in section 4601, the Secretary of the Army may construct or acquire family housing units (including land acquisition and supporting facilities) at the installations or locations, in the number of units, and in the amounts set forth in the following table:

Army: Family Housing

State/Country	*Installation*	*Units*	*Amount*
Italy	*Vicenza*	*Family Housing New Construction*	*$95,134,000*
Korea	*Camp Walker*	*Family Housing Replacement Construction*	*$68,000,000*
Puerto Rico	*Fort Buchanan*	*Family Housing Replacement Construction*	*$26,000,000*
Wisconsin	*Fort McCoy*	*Family Housing New Construction*	*$6,200,000*

(b) PLANNING AND DESIGN.—Using amounts appropriated pursuant to the authorization of appropriations in section 2103(a) and available for military family housing functions as specified in the funding table in section 4601, the Secretary of the Army may carry out architectural and engineering services and construction design activities with respect to the construction or improvement of family housing units in an amount not to exceed $18,326,000.

SEC. 2103. AUTHORIZATION OF APPROPRIATIONS, ARMY.

(a) AUTHORIZATION OF APPROPRIATIONS.—Funds are hereby authorized to be appropriated for fiscal years beginning after September 30, 2018, for military construction,

land acquisition, and military family housing functions of the Department of the Army as specified in the funding table in section 4601.

(b) LIMITATION ON TOTAL COST OF CONSTRUCTION PROJECTS.—Notwithstanding the cost variations authorized by section 2853 of title 10, United States Code, and any other cost variation authorized by law, the total cost of all projects carried out under section 2101 of this Act may not exceed the total amount authorized to be appropriated under subsection (a), as specified in the funding table in section 4601.

SEC. 2104. EXTENSION OF AUTHORIZATIONS OF CERTAIN FISCAL YEAR 2015 PROJECTS.

(a) EXTENSION.—Notwithstanding section 2002 of the Military Construction Authorization Act for Fiscal Year 2015 (division B of Public Law 113–291; 128 Stat. 3669), the authorizations set forth in the table in subsection (b), as provided in section 2101 of that Act (128 Stat. 3670), shall remain in effect until October 1, 2019, or the date of the enactment of an Act authorizing funds for military construction for fiscal year 2020, whichever is later.

(b) TABLE.—The table referred to in subsection (a) is as follows:

Army: Extension of 2015 Project Authorization

State/Country	*Installation*	*Project*	*Amount*
California	*Military Ocean Terminal, Concord.*	*Access Control Point*	*$9,900,000*

***Army: Extension of 2015 Project Authorization**—Continued*

State/Country	*Installation*	*Project*	*Amount*
Japan	*Kadena Air Base*	*Missile Magazine*	*$10,600,000*

TITLE XXII—NAVY MILITARY CONSTRUCTION

SEC. 2201. AUTHORIZED NAVY CONSTRUCTION AND LAND ACQUISITION PROJECTS.

(a) INSIDE THE UNITED STATES.—Using amounts appropriated pursuant to the authorization of appropriations in section 2204(a) and available for military construction projects inside the United States as specified in the funding table in section 4601, the Secretary of the Navy may acquire real property and carry out military construction projects for the installations or locations inside the United States, and in the amounts, set forth in the following table:

Navy: Inside the United States

State	*Installation or Location*	*Amount*
Arizona	*Camp Navajo*	*$14,800,000*
California	*Marine Corps Base Camp Pendleton*	*$127,930,000*
	Marine Corps Air Station Miramar	*$31,980,000*
	Naval Air Station Lemoore	*$127,590,000*
	Naval Base Coronado	*$156,580,000*
	Naval Base San Diego	*$176,040,000*
	Naval Base Ventura	*$53,160,000*
	Naval Weapons Station Seal Beach	*$139,630,000*
District of Columbia	*Naval Observatory*	*$115,600,000*
Florida	*Naval Air Station Whiting Field*	*$10,000,000*
	Naval Station Mayport	*$111,460,000*
Georgia	*Marine Corps Logistics Base Albany*	*$31,900,000*
Guam	*Joint Region Marianas*	*$355,257,000*
Hawaii	*Joint Base Pearl Harbor-Hickam*	*$123,320,000*
	Marine Corps Base Hawaii	*$66,100,000*
Maine	*Portsmouth Naval Yard*	*$149,685,000*
Mississippi	*Naval Construction Battalion Center*	*$22,300,000*
North Carolina	*Marine Corps Base Camp Lejeune*	*$51,300,000*
	Marine Corps Air Station Cherry Point	*$240,830,000*
Pennsylvania	*Naval Support Activity Philadelphia*	*$71,050,000*
South Carolina	*Marine Corps Air Station Beaufort*	*$15,817,000*
	Marine Corps Recruit Depot, Parris Island	*$35,190,000*
Utah	*Hill Air Force Base*	*$105,520,000*
Virginia	*Marine Corps Base Quantico*	*$13,100,000*

***Navy: Inside the United States**—Continued*

State	*Installation or Location*	*Amount*
Washington	*Norfolk Naval Shipyard*	*$26,120,000*
	Naval Base Kitsap	*$88,960,000*
	Naval Air Station Whidbey Island	*$27,380,000*

(b) OUTSIDE THE UNITED STATES.—Using amounts appropriated pursuant to the authorization of appropriations in section 2204(a) and available for military construction projects outside the United States as specified in the funding table in section 4601, the Secretary of the Navy may acquire real property and carry out military construction projects for the installation or location outside the United States, and in the amounts, set forth in the following table:

Navy: Outside the United States

Country	*Installation or Location*	*Amount*
Bahamas	*Andros Island*	*$31,050,000*
Bahrain	*SW Asia*	*$26,340,000*
Cuba	*Naval Station Guantanamo Bay*	*$104,700,000*
Germany	*Panzer Kaserne*	*$43,950,000*
Japan	*Kadena Air Base*	*$9,049,000*

SEC. 2202. FAMILY HOUSING.

(a) CONSTRUCTION AND ACQUISITION.—Using amounts appropriated pursuant to the authorization of appropriations in section 2204(a) and available for military family housing functions as specified in the funding table in section 4601, the Secretary of the Navy may construct or acquire family housing units (including land acquisition and supporting facilities) at the installations or locations,

in the number of units, and in the amounts set forth in the following table:

Navy: Family Housing

Country	*Installation*	*Units*	*Amount*
Guam	*Joint Region Marianas*	*Replace Andersen Housing PH III*	*$83,441,000*

(b) PLANNING AND DESIGN.—Using amounts appropriated pursuant to the authorization of appropriations in section 2204(a) and available for military family housing functions as specified in the funding table in section 4601, the Secretary of the Navy may carry out architectural and engineering services and construction design activities with respect to the construction or improvement of family housing units in an amount not to exceed $4,502,000.

SEC. 2203. IMPROVEMENTS TO MILITARY FAMILY HOUSING UNITS.

Subject to section 2825 of title 10, United States Code, and using amounts appropriated pursuant to the authorization of appropriations in section 2204(a) and available for military family housing functions as specified in the funding table in section 4601, the Secretary of the Navy may improve existing military family housing units in an amount not to exceed $16,638,000.

SEC. 2204. AUTHORIZATION OF APPROPRIATIONS, NAVY.

(a) AUTHORIZATION OF APPROPRIATIONS.—Funds are hereby authorized to be appropriated for fiscal years begin-

ning after September 30, 2018, for military construction, land acquisition, and military family housing functions of the Department of the Navy, as specified in the funding table in section 4601.

(b) LIMITATION ON TOTAL COST OF CONSTRUCTION PROJECTS.—Notwithstanding the cost variations authorized by section 2853 of title 10, United States Code, and any other cost variation authorized by law, the total cost of all projects carried out under section 2201 of this Act may not exceed the total amount authorized to be appropriated under subsection (a), as specified in the funding table in section 4601.

TITLE XXIII—AIR FORCE MILITARY CONSTRUCTION

SEC. 2301. AUTHORIZED AIR FORCE CONSTRUCTION AND LAND ACQUISITION PROJECTS.

(a) INSIDE THE UNITED STATES.—Using amounts appropriated pursuant to the authorization of appropriations in section 2304(a) and available for military construction projects inside the United States as specified in the funding table in section 4601, the Secretary of the Air Force may acquire real property and carry out military construction projects for the installations or locations inside the United States, and in the amounts, set forth in the following table:

Air Force: Inside the United States

State	*Installation or Location*	*Amount*
Alaska	*Eielson Air Force Base*	*$63,800,000*
Arizona	*Davis Monthan Air Force Base*	*$15,000,000*
	Luke Air Force Base	*$40,000,000*
Arkansas	*Little Rock Air Force Base*	*$26,000,000*
Florida	*Eglin Air Force Base*	*$62,863,000*
	MacDill Air Force Base	*$3,100,000*
	Patrick Air Force Base	*$9,000,000*
Guam	*Joint Region Marianas*	*$9,800,000*
Louisiana	*Barksdale Air Force Base*	*$12,250,000*
Mariana Islands	*Tinian*	*$50,700,000*
Maryland	*Joint Base Andrews*	*$58,000,000*
Massachusetts	*Hanscom Air Force Base*	*$225,000,000*
Nebraska	*Offutt Air Force Base*	*$9,500,000*
Nevada	*Creech Air Force Base*	*$59,000,000*
	Nellis Air Force Base	*$5,900,000*
New Mexico	*Holloman Air Force Base*	*$85,000,000*
	Kirtland Air Force Base	*$7,000,000*
New York	*Rome Lab*	*$14,200,000*
North Dakota	*Minot Air Force Base*	*$66,000,000*
Ohio	*Wright-Patterson Air Force Base*	*$182,000,000*
Oklahoma	*Altus Air Force Base*	*$12,000,000*
	Tinker Air Force Base	*$166,000,000*
South Carolina	*Shaw Air Force Base*	*$53,000,000*
Utah	*Hill Air Force Base*	*$26,000,000*
Washington	*Fairchild-White Bluff*	*$14,000,000*

(b) OUTSIDE THE UNITED STATES.—Using amounts appropriated pursuant to the authorization of appropriations in section 2304(a) and available for military construction projects outside the United States as specified in the funding table in section 4601, the Secretary of the Air Force may acquire real property and carry out military construction projects for the installation or location outside the United States, and in the amount, set forth in the following table:

Air Force: Outside the United States

Country	*Installation or Location*	*Amount*
United Kingdom	*Royal Air Force Lakenheath*	*$148,467,000*
Worldwide Classified	*Classified Location*	*$18,000,000*

SEC. 2302. FAMILY HOUSING.

Using amounts appropriated pursuant to the authorization of appropriations in section 2304(a) and available for military family housing functions as specified in the funding table in section 4601, the Secretary of the Air Force may carry out architectural and engineering services and construction design activities with respect to the construction or improvement of family housing units in an amount not to exceed $3,199,000.

SEC. 2303. IMPROVEMENTS TO MILITARY FAMILY HOUSING UNITS.

Subject to section 2825 of title 10, United States Code, and using amounts appropriated pursuant to the authorization of appropriations in section 2304(a) and available for military family housing functions as specified in the funding table in section 4601, the Secretary of the Air Force may improve existing military family housing units in an amount not to exceed $75,247,000.

SEC. 2304. AUTHORIZATION OF APPROPRIATIONS, AIR FORCE.

(a) AUTHORIZATION OF APPROPRIATIONS.—Funds are hereby authorized to be appropriated for fiscal years beginning after September 30, 2018, for military construction, land acquisition, and military family housing functions of the Department of the Air Force, as specified in the funding table in section 4601.

(b) LIMITATION ON TOTAL COST OF CONSTRUCTION PROJECTS.—Notwithstanding the cost variations authorized by section 2853 of title 10, United States Code, and any other cost variation authorized by law, the total cost of all projects carried out under section 2301 of this Act may not exceed the total amount authorized to be appropriated under subsection (a), as specified in the funding table in section 4601.

SEC. 2305. MODIFICATION OF AUTHORITY TO CARRY OUT CERTAIN PHASED PROJECT AUTHORIZED IN FISCAL YEARS 2015, 2016, AND 2017.

In the case of the authorization contained in the table in section 2301(b) of the Military Construction Authorization Act for Fiscal Year 2015 (division B of Public Law 113-291; 128 Stat. 3679) for Royal Air Force Croughton for JIAC Consolidation Phase 1, the authorization contained in the table in section 2301(b) of the Military Construction Authorization Act for Fiscal Year 2016 (division B of Public Law 114-92; 129 Stat. 1153) for Croughton Royal Air Force for JIAC Consolidation Phase 2, and the authorization contained in the table in section 2301(b) of the Military Construction Authorization Act for Fiscal Year 2017 (division B of Public Law 114-328; 130 Stat. 2697) for Royal Air Force Croughton for JIAC Consolidation Phase 3, the location shall be United Kingdom, Unspecified.

SEC. 2306. MODIFICATION OF AUTHORITY TO CARRY OUT CERTAIN FISCAL YEAR 2017 PROJECT.

In the case of the authorization contained in the table in section 2301(a) of the Military Construction Authorization Act for Fiscal Year 2017 (division B of Public Law 114-328; 130 Stat. 2696) for Joint Base San Antonio, Texas, for construction of a basic military training recruit dormitory, the Secretary of the Air Force may construct a 26,537 square meter dormitory in the amount of $92,300,000.

SEC. 2307. MODIFICATION OF AUTHORITY TO CARRY OUT CERTAIN FISCAL YEAR 2018 PROJECT.

In the case of the authorization contained in the table in section 2301(a) of the Military Construction Authorization Act for Fiscal Year 2018 (division B of Public Law 115-91; 131 Stat. 1825) for the United States Air Force Academy, Colorado, for construction of a cyberworks facility, the Secretary of the Air Force may construct a facility of up to 4,000 square meters.

SEC. 2308. ADDITIONAL AUTHORITY TO CARRY OUT CERTAIN FISCAL YEAR 2019 PROJECTS.

(a) PROJECT AUTHORIZATIONS.—The Secretary of the Air Force may carry out military construction projects to construct—

(1) a 6,702 square meter Joint Simulation Environment Facility at Edwards Air Force Base, California, in the amount of $43,000,000;

(2) a 4,833 square meter Cyberspace Test Facility at Eglin Air Force Base, Florida, in the amount of $38,000,000; and

(3) a 4,735 square meter Joint Simulation Environment Facility at Nellis Air Force Base, Nevada, in the amount of $30,000,000.

(b) USE OF RESEARCH, DEVELOPMENT, TEST, AND EVALUATION FUNDS.—As provided for in the Defense Laboratory Modernization Pilot Program authorized by section 2803 of the Military Construction Authorization Act for Fiscal Year 2016 (10 U.S.C. 2358 note), the Secretary may use funds available for research, development, test, and evaluation for the projects described in subsection (a).

SEC. 2309. ADDITIONAL AUTHORITY TO CARRY OUT PROJECT AT TRAVIS AIR FORCE BASE, CALIFORNIA, IN FISCAL YEAR 2019.

The Secretary of the Air Force may carry out a military construction project to construct a 150,000 square foot high-bay air cargo pallet storage and marshaling enclosure integral to installation of a mechanized material handling system at Travis Air Force Base, California, in the amount of $35,000,000.

TITLE XXIV—DEFENSE AGENCIES MILITARY CONSTRUCTION

SEC. 2401. AUTHORIZED DEFENSE AGENCIES CONSTRUCTION AND LAND ACQUISITION PROJECTS.

(a) INSIDE THE UNITED STATES.—Using amounts appropriated pursuant to the authorization of appropriations in section 2403(a) and available for military construction projects inside the United States as specified in the funding table in section 4601, the Secretary of Defense may acquire real property and carry out military construction projects for the installations or locations inside the United States, and in the amounts, set forth in the following table:

Defense Agencies: Inside the United States

State	Installation or Location	Amount
Alaska	Clear Air Force Station	$174,000,000
	Joint Base Elmendorf-Richardson	$14,000,000
Arkansas	Little Rock Air Force Base	$14,000,000
California	Marine Corps Base Camp Pendleton	$12,596,000
	Defense Distribution Depot-Tracy	$18,800,000
	Naval Base Coronado	$71,088,000
Colorado	Fort Carson	$24,297,000
Conus Classified	Classified Location	$49,222,000
Kentucky	Fort Campbell	$82,298,000
Maine	Kittery	$11,600,000
Maryland	Fort Meade	$805,000,000
Missouri	St. Louis	$447,800,000
New Jersey	Joint Base McGuire-Dix-Lakehurst	$10,200,000
North Carolina	Fort Bragg	$32,366,000
	Marine Corps Air Station New River	$32,580,000
Oklahoma	McAlester	$7,000,000
Texas	Joint Base San Antonio	$10,200,000
	Red River Army Depot	$71,500,000
Virginia	Fort A.P. Hill	$11,734,000
	Fort Belvoir	$6,127,000
	Humphreys Engineer Center	$20,257,000
	Joint Base Langley-Eustis	$12,700,000
	Pentagon	$35,850,000
	Training Center Dam Neck	$8,959,000
Washington	Joint Base Lewis-McChord	$26,200,000

(b) OUTSIDE THE UNITED STATES.—Using amounts appropriated pursuant to the authorization of appropriations in section 2403(a) and available for military construction projects outside the United States as specified in the funding table in section 4601, the Secretary of Defense may acquire real property and carry out military construction projects for the installations or locations outside the United States, and in the amounts, set forth in the following table:

Defense Agencies: Outside the United States

Country	*Installation or Location*	*Amount*
Belgium	*Chievres Air Base*	*$14,305,000*
Cuba	*Naval Station Guantanamo Bay*	*$9,080,000*
Germany	*Baumholder*	*$11,504,000*
	Kaiserslautern Air Base	*$99,955,000*
	Wiesbaden	*$56,048,000*
Japan	*Camp McTureous*	*$94,851,000*
	Iwakuni	*$33,200,000*
	Kadena Air Base	*$21,400,000*
	Yokosuka	*$170,386,000*

SEC. 2402. AUTHORIZED ENERGY CONSERVATION PROJECTS.

Using amounts appropriated pursuant to the authorization of appropriations in section 2403(a) and available for energy conservation projects as specified in the funding table in section 4601, the Secretary of Defense may carry out energy conservation projects under chapter 173 of title 10, United States Code, in the amount set forth in the table.

SEC. 2403. AUTHORIZATION OF APPROPRIATIONS, DEFENSE AGENCIES.

(a) AUTHORIZATION OF APPROPRIATIONS.—Funds are hereby authorized to be appropriated for fiscal years beginning after September 30, 2018, for military construction, land acquisition, and military family housing functions of the Department of Defense (other than the military departments), as specified in the funding table in section 4601.

(b) LIMITATION ON TOTAL COST OF CONSTRUCTION PROJECTS.—Notwithstanding the cost variations authorized by section 2853 of title 10, United States Code, and any other cost variation authorized by law, the total cost of all projects carried out under section 2401 of this Act may not exceed the total amount authorized to be appropriated under subsection (a), as specified in the funding table in section 4601.

SEC. 2404. EXTENSION OF AUTHORIZATIONS OF CERTAIN FISCAL YEAR 2015 PROJECTS.

(a) EXTENSION.—Notwithstanding section 2002 of the Military Construction Authorization Act for Fiscal Year 2015 (division B of Public Law 113–291; 128 Stat. 3669), the authorizations set forth in the table in subsection (b), as provided in section 2401 of that Act (128 Stat. 3681) and as amended by section 2406 of the Military Construction Authorization Act for Fiscal Year 2018 (division B of Public Law 115–91; 131 Stat. 1831), shall remain in

effect until October 1, 2019, or the date of the enactment of an Act authorizing funds for military construction for fiscal year 2020, whichever is later.

(b) TABLE.—The table referred to in subsection (a) is as follows:

Defense Agencies: Extension of 2015 Project Authorizations

State/Country	Installation or Location	Project	Amount
Japan	*Commander Fleet Activities Sasebo*	*E.J. King High School Replacement/Renovation*	*$37,681,000*
Japan	*Okinawa*	*Kubasaki High School Replacement/Renovation*	*$99,420,000*
New Mexico	*Cannon AFB*	*SOF Squadron Operations Facility (STS)*	*$23,333,000*
Virginia	*Pentagon*	*Redundant Chilled Water Loop*	*$15,100,000*

TITLE XXV—INTERNATIONAL PROGRAMS

Subtitle A—North Atlantic Treaty Organization Security Investment Program

SEC. 2501. AUTHORIZED NATO CONSTRUCTION AND LAND ACQUISITION PROJECTS.

The Secretary of Defense may make contributions for the North Atlantic Treaty Organization Security Investment Program as provided in section 2806 of title 10, United States Code, in an amount not to exceed the sum of the amount authorized to be appropriated for this purpose in section 2502 and the amount collected from the

North Atlantic Treaty Organization as a result of construction previously financed by the United States.

SEC. 2502. AUTHORIZATION OF APPROPRIATIONS, NATO.

Funds are hereby authorized to be appropriated for fiscal years beginning after September 30, 2018, for contributions by the Secretary of Defense under section 2806 of title 10, United States Code, for the share of the United States of the cost of projects for the North Atlantic Treaty Organization Security Investment Program authorized by section 2501 as specified in the funding table in section 4601.

Subtitle B—Host Country In-Kind Contributions

SEC. 2511. REPUBLIC OF KOREA FUNDED CONSTRUCTION PROJECTS.

Pursuant to agreement with the Republic of Korea for required in-kind contributions, the Secretary of Defense may accept military construction projects for the installations or locations, and in the amounts, set forth in the following table:

Republic of Korea Funded Construction Projects

Country	*Component*	*Installation or Location*	*Project*	*Amount*
Korea	*Army*	*Camp Carroll*	*Upgrade Electrical Distribution, Phase 2*	*$52,000,000*
	Army	*Camp Humphreys*	*Site Development*	*$7,800,000*
	Army	*Camp Humphreys*	*Air Support Operations Squadron*	*$25,000,000*
	Army	*Camp Humphreys*	*Unaccompanied Enlisted Personnel Housing, P2*	*$76,000,000*

Republic of Korea Funded Construction Projects—*Continued*

Country	*Component*	*Installation or Location*	*Project*	*Amount*
	Army	*Camp Humphreys*	*Echelon Above Brigade Engineer Battalion, VMF*	*$123,000,000*
	Army	*Camp Walker*	*Repair/Replace Sewer Piping System*	*$8,000,000*
	Navy	*Chinhae*	*Indoor Training Pool*	*$7,400,000*
	Navy	*Pohang Air Base*	*Replace Ordnance Storage Magazines*	*$87,000,000*
	Air Force	*Gimhae Air Base*	*Airfield Damage Repair Warehouse*	*$7,600,000*
	Air Force	*Gwangju Air Base*	*Airfield Damage Repair Warehouse*	*$7,600,000*
	Air Force	*Kunsan Air Base*	*Explosive Ordnance Disposal Facility*	*$8,000,000*
	Air Force	*Kunsan Air Base*	*Upgrade Flow-Through Fuel System*	*$23,000,000*
	Air Force	*Osan Air Base*	*5th Reconnaissance Squadron Aircraft Shelter*	*$12,000,000*
	Air Force	*Osan Air Base*	*Airfield Damage Repair Facility*	*$22,000,000*
	Air Force	*Osan Air Base*	*Communications HQ Building*	*$45,000,000*
	Air Force	*Suwon Air Base*	*Airfield Damage Repair Warehouse*	*$7,200,000*

TITLE XXVI—GUARD AND RESERVE FORCES FACILITIES

Subtitle A—Project Authorizations and Authorization of Appropriations

SEC. 2601. AUTHORIZED ARMY NATIONAL GUARD CONSTRUCTION AND LAND ACQUISITION PROJECTS.

Using amounts appropriated pursuant to the authorization of appropriations in section 2606 and available for the National Guard and Reserve as specified in the funding

table in section 4601, the Secretary of the Army may acquire real property and carry out military construction projects for the Army National Guard locations inside the United States, and in the amounts, set forth in the following table:

Army National Guard

State	Location	Amount
Alaska	*Joint Base Elmendorf-Richardson*	*$27,000,000*
Illinois	*Marseilles Training Center*	*$5,000,000*
Montana	*Malta*	*$15,000,000*
Nevada	*North Las Vegas*	*$32,000,000*
New Hampshire	*Pembroke*	*$12,000,000*
North Dakota	*Fargo*	*$32,000,000*
Ohio	*Camp Ravenna*	*$7,400,000*
Oklahoma	*Lexington*	*$11,000,000*
South Dakota	*Rapid City*	*$15,000,000*

SEC. 2602. AUTHORIZED ARMY RESERVE CONSTRUCTION AND LAND ACQUISITION PROJECTS.

Using amounts appropriated pursuant to the authorization of appropriations in section 2606 and available for the National Guard and Reserve as specified in the funding table in section 4601, the Secretary of the Army may acquire real property and carry out military construction projects for the Army Reserve locations inside the United States, and in the amounts, set forth in the following table:

Army Reserve: Inside the United States

State	Location	Amount
California	*Fort Irwin*	*$34,000,000*
Washington	*Yakima Training Center*	*$23,000,000*
Wisconsin	*Fort McCoy*	*$23,000,000*

SEC. 2603. AUTHORIZED NAVY RESERVE AND MARINE CORPS RESERVE CONSTRUCTION AND LAND ACQUISITION PROJECTS.

Using amounts appropriated pursuant to the authorization of appropriations in section 2606 and available for the National Guard and Reserve as specified in the funding table in section 4601, the Secretary of the Navy may acquire real property and carry out military construction projects for the Navy Reserve and Marine Corps Reserve locations inside the United States, and in the amounts, set forth in the following table:

Navy Reserve and Marine Corps Reserve

State	Location	Amount
California	Naval Weapons Station Seal Beach	$21,740,000
Georgia	Fort Benning	$13,630,000

SEC. 2604. AUTHORIZED AIR NATIONAL GUARD CONSTRUCTION AND LAND ACQUISITION PROJECTS.

Using amounts appropriated pursuant to the authorization of appropriations in section 2606 and available for the National Guard and Reserve as specified in the funding table in section 4601, the Secretary of the Air Force may acquire real property and carry out military construction projects for the Air National Guard locations inside the United States, and in the amounts, set forth in the following table:

Air National Guard

State	Location	Amount
California	Channel Islands Air National Guard Station	$8,000,000

***Air National Guard**—Continued*

State	*Location*	*Amount*
Hawaii	*Joint Base Pearl Harbor-Hickam*	*$17,000,000*
Illinois	*Greater Peoria Regional Airport*	*$9,000,000*
Louisiana	*Naval Air Station Joint Reserve Base New Orleans*	*$39,000,000*
Minnesota	*Duluth International Airport*	*$8,000,000*
Montana	*Great Falls International Airport*	*$9,000,000*
New York	*Francis S. Gabreski Airport*	*$20,000,000*
Ohio	*Mansfield Lahm Airport*	*$13,000,000*
	Rickenbacker International Airport	*$8,000,000*
Pennsylvania	*Fort Indiantown Gap*	*$8,000,000*
Virginia	*Joint Base Langley-Eustis*	*$10,000,000*

SEC. 2605. AUTHORIZED AIR FORCE RESERVE CONSTRUCTION AND LAND ACQUISITION PROJECTS.

Using amounts appropriated pursuant to the authorization of appropriations in section 2606 and available for the National Guard and Reserve as specified in the funding table in section 4601, the Secretary of the Air Force may acquire real property and carry out military construction projects for the Air Force Reserve locations inside the United States, and in the amounts, set forth in the following table:

Air Force Reserve

State	*Location*	*Amount*
Florida	*Patrick Air Force Base*	*$24,000,000*
Indiana	*Grissom Air Reserve Base*	*$21,500,000*
Massachusetts	*Westover Air Reserve Base*	*$42,600,000*
Minnesota	*Minneapolis-St. Paul International Airport*	*$9,000,000*
Mississippi	*Keesler Air Force Base*	*$4,550,000*
New York	*Niagara Falls International Airport*	*$14,000,000*
Ohio	*Youngstown Air Reserve Station*	*$8,800,000*
Texas	*Naval Air Station Joint Reserve Base Fort Worth*	*$3,100,000*

SEC. 2606. AUTHORIZATION OF APPROPRIATIONS, NATIONAL GUARD AND RESERVE.

Funds are hereby authorized to be appropriated for fiscal years beginning after September 30, 2018, for the costs

of acquisition, architectural and engineering services, and construction of facilities for the Guard and Reserve Forces, and for contributions therefor, under chapter 1803 of title 10, United States Code (including the cost of acquisition of land for those facilities), as specified in the funding table in section 4601.

Subtitle B—Other Matters

SEC. 2611. MODIFICATION OF AUTHORITY TO CARRY OUT CERTAIN FISCAL YEAR 2016 PROJECT.

In the case of the authorization contained in the table in section 2603 of the Military Construction Authorization Act for Fiscal Year 2016 (division B of Public Law 114–92; 129 Stat. 1164) for construction of a Reserve Training Center Complex at Dam Neck, Virginia, the Secretary of the Navy may construct the Reserve Training Center Complex at Joint Expeditionary Base Little Creek-Story, Virginia.

SEC. 2612. MODIFICATION OF AUTHORITY TO CARRY OUT CERTAIN FISCAL YEAR 2018 PROJECT.

In the case of the authorization contained in the table in section 2601 of the Military Construction Authorization Act for Fiscal Year 2018 (division B of Public Law 115-91; 131 Stat. 1834) for Fort Belvoir, Virginia, for additions and alterations to the National Guard Readiness Center,

the Secretary of the Army may construct a new readiness center.

SEC. 2613. ADDITIONAL AUTHORITY TO CARRY OUT CERTAIN FISCAL YEAR 2019 PROJECT.

(a) PROJECT AUTHORIZATION.—

(1) PROJECT.—The Secretary of the Navy may carry out a military construction project to construct a 50,000 square foot reserve training center, 6,600 square foot combat vehicle maintenance and storage facility, 2,400 square foot vehicle wash rack, 1,600 square foot covered training area, road improvements, and associated supporting facilities.

(2) ACQUISITION OF LAND.—As part of the project under this subsection, the Secretary may acquire approximately 8.5 acres of adjacent land and obtain necessary interest in land at Pittsburgh, Pennsylvania, for the construction and operation of the reserve training center.

(3) AMOUNT OF AUTHORIZATION.—The total amount of funds the Secretary may obligate and expend on activities under this subsection during fiscal year 2019 may not exceed $17,650,000.

(b) USE OF UNOBLIGATED PRIOR-YEAR NAVY MILITARY CONSTRUCTION RESERVE FUNDS.—The Secretary

may use available, unobligated Navy military construction reserve funds for the project described in subsection (a).

(c) CONGRESSIONAL NOTIFICATION.—The Secretary of the Navy shall provide information in accordance with section 2851(c) of title 10, United States Code, regarding the project described in subsection (a). If it becomes necessary to exceed the estimated project cost, the Secretary shall utilize the authority provided by section 2853 of such title regarding authorized cost and scope of work variations.

TITLE XXVII—BASE REALIGNMENT AND CLOSURE ACTIVITIES

SEC. 2701. AUTHORIZATION OF APPROPRIATIONS FOR BASE REALIGNMENT AND CLOSURE ACTIVITIES FUNDED THROUGH DEPARTMENT OF DEFENSE BASE CLOSURE ACCOUNT.

Funds are hereby authorized to be appropriated for fiscal years beginning after September 30, 2018, for base realignment and closure activities, including real property acquisition and military construction projects, as authorized by the Defense Base Closure and Realignment Act of 1990 (part A of title XXIX of Public Law 101-510; 10 U.S.C. 2687 note) and funded through the Department of Defense Base Closure Account established by section 2906 of such Act (as amended by section 2711 of the Military

Construction Authorization Act for Fiscal Year 2013 (division B of Public Law 112-239; 126 Stat. 2140)), as specified in the funding table in section 4601.

SEC. 2702. ADDITIONAL AUTHORITY TO REALIGN OR CLOSE CERTAIN MILITARY INSTALLATIONS.

(a) AUTHORIZATION.—Notwithstanding sections 993 or 2687 of title 10, United States Code, and subject to subsection (d), the Secretary of Defense may take such actions as may be necessary to carry out the realignment or closure of a military installation in a State during a fiscal year if—

(1) the military installation is the subject of a notice which is described in subsection (b); and

(2) the Secretary includes the military installation in the report submitted under paragraph (2) of subsection (c) with respect to the fiscal year.

(b) NOTICE FROM GOVERNOR OF STATE.—A notice described in this subsection is a notice received by the Secretary of Defense from the Governor of a State (or, in the case of the District of Columbia, the Mayor of the District of Columbia) in which the Governor recommends that the Secretary carry out the realignment or closure of a military installation located in the State, and which includes each of the following elements:

(1) A specific description of the military installation, or a specific description of the relevant real and personal property.

(2) Statements of support for the realignment or closure from units of local government in which the installation is located.

(3) A detailed plan for the reuse or redevelopment of the real and personal property of the installation, together with a description of the local redevelopment authority which will be responsible for the implementation of the plan.

(c) RESPONSE TO NOTICE.—

(1) MANDATORY RESPONSE TO GOVERNOR AND CONGRESS.—Not later than 1 year after receiving a notice from the Governor of a State (or, in the case of the District of Columbia, from the Mayor of the District of Columbia), the Secretary of Defense shall submit a response to the notice to the Governor and the congressional defense committees indicating whether or not the Secretary accepts the recommendation for the realignment or closure of a military installation which is the subject of the notice.

(2) ACCEPTANCE OF RECOMMENDATION.—If the Secretary of Defense determines that it is in the interests of the United States to accept the recommenda-

tion for the realignment or closure of a military installation which is the subject of a notice received under subsection (b) and intends to carry out the realignment or closure of the installation pursuant to the authority of this section during a fiscal year, at the time the budget is submitted under section 1105(a) of title 31, United States Code, for the fiscal year, the Secretary shall submit a report to the congressional defense committees which includes the following:

(A) The identification of each military installation for which the Secretary intends to carry out a realignment or closure pursuant to the authority of this section during the fiscal year, together with the reasons the Secretary of Defense believes that it is in the interest of the United States to accept the recommendation of the Governor of the State involved for the realignment or closure of the installation.

(B) For each military installation identified under subparagraph (A), a master plan describing the required scope of work, cost, and timing for all facility actions needed to carry out the realignment or closure, including the

construction of new facilities and the repair or renovation of existing facilities.

(C) For each military installation identified under subparagraph (A), a certification that, not later than the end of the fifth fiscal year after the completion of the realignment or closure, the savings resulting from the realignment or closure will exceed the costs of carrying out the realignment or closure, together with an estimate of the annual recurring savings that would be achieved by the realignment or closure of the installation and the timeframe required for the financial savings to exceed the costs of carrying out the realignment or closure.

(d) LIMITATIONS.—

(1) TIMING.—The Secretary may not initiate the realignment or closure of a military installation pursuant to the authority of this section until the expiration of the 90-day period beginning on the date the Secretary submits the report under paragraph (2) of subsection (c).

(2) TOTAL COSTS.—Subject to appropriations, the aggregate cost to the government in carrying out the realignment or closure of military installations pursuant to the authority of this section for all fiscal

years may not exceed $2,000,000,000. In determining the cost to the government for purposes of this section, there shall be included the costs of planning and design, military construction, operations and maintenance, environmental restoration, information technology, termination of public-private contracts, guarantees, and other factors contributing to the cost of carrying out the realignment or closure, as determined by the Secretary.

(e) PROCESS FOR IMPLEMENTATION.—The implementation of the realignment or closure of a military installation pursuant to the authority of this section shall be carried out in accordance with section 2905 of the Defense Base Closure and Realignment Act of 1990 (title XXIX of Public Law 101–510; 10 U.S.C. 2687 note) in the same manner as the implementation of a realignment or closure of a military installation pursuant to the authority of such Act.

(f) STATE DEFINED.—In this section, the term "State" means each of the several States, the District of Columbia, the Commonwealth of Puerto Rico, American Samoa, Guam, the United States Virgin Islands, and the Commonwealth of the Northern Mariana Islands.

(g) TERMINATION OF AUTHORITY.—The authority of the Secretary to carry out a realignment or closure pursu-

ant to this section shall terminate at the end of fiscal year 2029.

SEC. 2703. PROHIBITION ON CONDUCTING ADDITIONAL BASE REALIGNMENT AND CLOSURE (BRAC) ROUND.

Nothing in this Act shall be construed to authorize an additional Base Realignment and Closure (BRAC) round.

TITLE XXVIII—MILITARY CONSTRUCTION GENERAL PROVISIONS

Subtitle A—Military Construction Program and Military Family Housing

SEC. 2801. COMMERCIAL CONSTRUCTION STANDARDS FOR FACILITIES ON LEASED PROPERTY.

(a) USE OF COMMERCIAL STANDARDS.—Section 2667(b) of title 10, United States Code, is amended—

(1) by striking "and" at the end of paragraph (6);

(2) by striking the period at the end of paragraph (7) and inserting "; and"; and

(3) by adding at the end the following new paragraph:

"(8) shall provide that any facilities constructed on the property may be constructed using commercial

standards in a manner that provides force protection safeguards appropriate to the activities conducted in, and the location of, such facilities.".

(b) EFFECTIVE DATE.—The amendment made by subsection (a) shall apply with respect to leases entered into during fiscal year 2019 or any succeeding fiscal year.

SEC. 2802. EXTENSION OF TEMPORARY, LIMITED AUTHORITY TO USE OPERATION AND MAINTENANCE FUNDS FOR CONSTRUCTION PROJECTS OUTSIDE THE UNITED STATES.

(a) EXTENSION OF AUTHORITY.—Subsection (h) of section 2808 of the Military Construction Authorization Act for Fiscal Year 2004 (division B of Public Law 108–136; 117 Stat. 1723), as most recently amended by section 2804 of the Military Construction Authorization Act for Fiscal Year 2018 (division B of Public Law 115–91; 131 Stat. 1846), is amended—

(1) in paragraph (1), by striking "December 31, 2018" and inserting "December 31, 2019"; and

(2) in paragraph (2), by striking "fiscal year 2019" and inserting "fiscal year 2020".

(b) LIMITATION ON USE OF AUTHORITY.—Subsection (c)(1) of such section is amended—

(1) by striking "October 1, 2017" and inserting "October 1, 2018";

(2) by striking "December 31, 2018" and inserting "December 31, 2019"; and

(3) by striking "fiscal year 2019" and inserting "fiscal year 2020".

SEC. 2803. SMALL BUSINESS SET-ASIDE FOR CONTRACTS FOR ARCHITECTURAL AND ENGINEERING SERVICES AND CONSTRUCTION DESIGN.

(a) MANDATORY AWARD OF CONTRACTS UNDER THRESHOLD AMOUNT.—Section 2855(b)(1) of title 10, United States Code, is amended by striking "subsection (a)—" and all that follows and inserting the following: "subsection (a), if the Secretary concerned estimates that the initial award of the contract will be in an amount less than the threshold amount determined under paragraph (2), the contract shall be awarded in accordance with the set aside provisions of the Small Business Act (15 U.S.C. 631 et seq.).".

(b) INCREASE IN THRESHOLD AMOUNT.—Section 2855(b)(2) of such title is amended—

(1) by striking "initial";

(2) by striking "$300,000" and inserting "$1,000,000"; and

(3) by striking the second sentence.

(c) EFFECTIVE DATE.—The amendments made by this section shall apply with respect to fiscal year 2019 and each succeeding fiscal year.

SEC. 2804. AUTHORITY TO OBTAIN ARCHITECTURAL AND ENGINEERING SERVICES AND CONSTRUCTION DESIGN FOR DEFENSE LABORATORY MODERNIZATION PROGRAM.

(a) AUTHORITY.—Section 2803 of the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114–92; 129 Stat. 1169; 10 U.S.C. 2358 note) is amended—

(1) by redesignating subsection (f) as subsection (g); and

(2) by inserting after subsection (e) the following new subsection:

"(f) ADDITIONAL AUTHORITY TO USE FUNDS FOR RELATED ARCHITECTURAL AND ENGINEERING SERVICES AND CONTRACT DESIGN.—

"(1) AUTHORITY.—In addition to the authority provided to the Secretary of Defense under subsection (a) to use amounts appropriated or otherwise made available for research, development, test, and evaluation for a military construction project referred to in such subsection, the Secretary of the military department concerned may use amounts appropriated or otherwise made available for research, development,

test, and evaluation to obtain architectural and engineering services and to carry out construction design in connection with such a project.

"(2) NOTICE REQUIREMENT.—In the case of architectural and engineering services and construction design to be undertaken under this subsection for which the estimated cost exceeds $1,000,000, the Secretary concerned shall notify the appropriate committees of Congress of the scope of the proposed project and the estimated cost of such services before the initial obligation of funds for such services. The Secretary may then obligate funds for such services only after the end of the 14-day period beginning on the date on which the notification is received by the committees in an electronic medium pursuant to section 480 of this title.".

(b) CONFORMING AMENDMENTS TO WAIVE CONDITIONS APPLICABLE TO EXISTING AUTHORITY.—

(1) CONDITION ON AND SCOPE OF PROJECT AUTHORITY.—Section 2803(b) of such Act is amended by striking "project under this section" and inserting "project under subsection (a)".

(2) CONGRESSIONAL NOTIFICATION.—Section 2803(c) of such Act is amended by striking "carried out under this section" each place it appears in para-

graphs (1) and (2) and inserting "carried out under subsection (a)".

(3) DESCRIPTION OF AUTHORIZED PROJECTS.—Section 2803(d) of such Act is amended by striking "provided by this section" and inserting "provided by subsection (a)".

(4) FUNDING LIMITATION.—Section 2803(e) of such Act is amended by striking "projects under this section" and inserting "projects under subsection (a)".

(c) EXTENSION OF PERIOD OF AUTHORITY.—Section 2803(g) of such Act, as redesignated by subsection (a)(1), is amended by striking "October 1, 2020" and inserting "October 1, 2023".

(d) EFFECTIVE DATE.—The amendments made by this section shall take effect as if included in the enactment of section 2803 of the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114–92; 129 Stat. 1169; 10 U.S.C. 2358 note).

SEC. 2805. REPEAL OF LIMITATION ON CERTAIN GUAM PROJECT.

(a) REPEAL OF LIMITATION.—Section 2879 of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115–91; 131 Stat. 1874) is amended by striking subsection (b).

(b) EFFECTIVE DATE.—The amendment made by subsection (a) shall take effect as if included in the enactment of the National Defense Authorization Act for Fiscal Year 2018.

SEC. 2806. ENHANCING FORCE PROTECTION AND SAFETY ON MILITARY INSTALLATIONS.

(a) AUTHORIZATION OF ADDITIONAL PROJECTS.—In addition to any other military construction projects authorized under this Act, the Secretary of the military department concerned may carry out military construction projects to enhance force protection and safety on military installations, as specified in the funding table in section 4601.

(b) NOTICE AND WAIT REQUIREMENTS.—The Secretary concerned may obligate or expend funds to carry out a project under this section only after the end of the 14-day period beginning on the date on which the Secretary submits, in an electronic medium pursuant to section 480 of title 10, United States Code, to the congressional defense committees a justification of the need for the project.

(c) EXPIRATION OF AUTHORIZATION.—Section 2002 shall apply with respect to the authorization of a military construction project under this section in the same manner as such section applies to the authorization of a project contained in titles XXI through XXVII.

SEC. 2807. LIMITATION ON USE OF FUNDS FOR ACQUISITION OF FURNISHED ENERGY FOR NEW MEDICAL CENTER IN GERMANY.

(a) LIMITATION.—No amounts authorized to be appropriated or made available to the Secretary of Defense or the Secretary of any military department may be used to enter into a contract for the acquisition of furnished energy for the new Rhine Ordnance Barracks Army Medical Center (hereafter in this section referred to as the "Medical Center") until the Secretary of Defense submits to the congressional defense committees a written certification that—

(1) the source of furnished energy for the Medical Center will minimize the use of fuels sourced from inside the Russian Federation;

(2) the design of the Medical Center will utilize a diversified energy supply from a mixed-fuel system as the source of furnished energy to sustain mission critical operations during any sustained energy supply disruption caused by the Russian Federation; and

(3) to the extent available, domestically-sourced fuels shall be the preferred source for furnished energy for the Medical Center.

(b) WAIVER FOR NATIONAL SECURITY INTERESTS.—Subsection (a) shall not apply if the Secretary of Defense certifies to the congressional defense committees that a

waiver of such subsection is necessary to protect the national security interests of the United States.

(c) DEFINITION.—In this section, the term "furnished energy" means energy furnished to the Medical Center in any form and for any purpose, including heating, cooling, and electricity.

(d) EFFECTIVE DATE.—This section shall take effect on the date of the enactment of this Act.

SEC. 2808. TREATMENT OF LEASES OF NON-EXCESS PROPERTY ENTERED INTO WITH INSURED DEPOSITORY INSTITUTIONS.

Section 2667 of title 10, United States Code, is amended —

(1) in subsection (b)(4), by striking "amount that" and inserting "amount that, except as provided in subsection (c)(4),"; and

(2) in subsection (c), by adding at the end the following new paragraph:

"(4)(A) With respect to a lease under this section entered into with an insured depository institution (as defined under section 3 of the Federal Deposit Insurance Act (12 U.S.C. 1813)) after the date of the enactment of the National Defense Authorization Act for Fiscal Year 2019, the Secretary concerned shall accept the financial services provided by the insured depository institution to members

of the armed forces, civilian employees of the Department of Defense, and dependents of such members or employees as sufficient in-kind consideration to cover all lease, services, and utilities costs assessed with regard to the leased property.

"(B) With respect to a lease under this section which was entered into with an insured depository institution before the date of the enactment of the National Defense Authorization Act for Fiscal Year 2019, the Secretary concerned may renegotiate the terms of such lease to apply subparagraph (A) to such lease as if such subparagraph were in effect at the time the Secretary entered into the lease.".

Subtitle B—Real Property and Facilities Administration

SEC. 2811. OPTIONAL PARTICIPATION IN COLLECTION OF INFORMATION ON UNUTILIZED AND UNDERUTILIZED MILITARY INSTALLATION PROPERTIES AVAILABLE FOR HOMELESS ASSISTANCE.

(a) MAKING PARTICIPATION BY AGENCIES OF DEPARTMENT OF DEFENSE OPTIONAL.—Section 501(a) of the McKinney-Vento Homeless Assistance Act (42 U.S.C. 11411(a)) is amended—

(1) by striking "The Secretary of Housing" and inserting "(1) The Secretary of Housing"; and

(2) by adding at the end the following new paragraphs:

"(2) The transmittal of information by the head of a landholding agency of the Department of Defense under this subsection shall be optional in the case of an excess or surplus building, facility, or property if the Secretary of Defense determines that the building, facility, or property—

"(A) would be for off-site use only; or

"(B) is located on an active military installation and is not subject to subsection (h).

"(3) If the Secretary of Defense makes a determination under paragraph (2) during a fiscal year, not later than 90 days after the end of that fiscal year, the Secretary of Defense shall submit a report to the Committees on Armed Services, Banking, Housing, and Urban Affairs, and Homeland Security and Governmental Affairs of the Senate and the Committees on Armed Services, Financial Services, and Oversight and Government Reform of the House of Representatives listing all of the buildings, facilities, and properties for which the Secretary of Defense made a determination under paragraph (2) during that fiscal year. The Secretary of Defense shall submit the report in unclassified form, but may include a classified annex as necessary.".

(b) EFFECTIVE DATE.—The amendment made by subsection (a) shall apply with respect to fiscal year 2019 and each succeeding fiscal year.

SEC. 2812. FORCE STRUCTURE PLANS AND INFRASTRUCTURE CAPABILITIES NECESSARY TO SUPPORT THE FORCE STRUCTURE.

(a) FORCE STRUCTURE PLANS AND INFRASTRUCTURE CAPABILITIES.—Not later than the date on which the budget of the President for fiscal year 2021 is submitted to Congress pursuant to section 1105 of title 31, United States Code, the Secretary of Defense shall develop and submit to the congressional defense committees the following:

(1) A force structure plan for each of the Army, Navy, Air Force, and Marine Corps and the reserve components of each military department that is informed by—

(A) an assessment by the Secretary of Defense of the probable threats to the national security of the United States; and

(B) end-strength levels and major military force units (including land force divisions, carrier and other major combatant vessels, air wings, and other comparable units) authorized in the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115–91).

(2) A categorical model of installation capabilities required to carry out the force structures plans described in paragraph (1) based on—

(A) the infrastructure, real property, and facilities capabilities required to carry out such plans; and

(B) the current military requirements of the major military units referred to in subparagraph (B) of such paragraph.

(b) CONSISTENCY.—In developing force structure plans and categorical models of installation capabilities under subsection (a), the Secretary of Defense shall ensure that the infrastructure, real property, and facilities of each of the military departments are categorized and measured in consistent terms so as to facilitate comparisons.

(c) RELATIONSHIP TO INVENTORY.—Using the information in the force structure plans and categorical model developed under subsection (a), the Secretary of Defense shall submit to Congress each of the following:

(1) An assessment of the requirements necessary for carrying out the force structure plans compared to existing infrastructure, real property, and facilities capabilities, as documented in the records maintained under section 2721 of title 10, United States Code.

(2) An identification of any deficit or surplus capability in such infrastructure, real property, and facilities—

(A) for each military department; and

(B) for locations within the continental United States and territories.

SEC. 2813. RETROFITTING EXISTING WINDOWS IN MILITARY FAMILY HOUSING UNITS TO BE EQUIPPED WITH FALL PREVENTION DEVICES.

(a) AUTHORIZING FUNDING FOR RETROFITTING OR REPLACING WINDOWS.—Section 2879 of title 10, United States Code, as added by section 2817(a) of the National Defense Authorization Act for Fiscal Year 2018 (131 Stat. 1851) is amended—

(1) in subsection (a)(1), by striking "subsection (b)" and inserting "subsection (c)";

(2) by redesignating subsections (b) and (c) as subsections (c) and (d); and

(3) by inserting after subsection (a) the following new subsection:

"(b) RETROFITTING OR REPLACING EXISTING WINDOWS.—

"(1) PROGRAM TO RETROFIT EXISTING WINDOWS.—The Secretary concerned shall carry out a program under which, in military family housing

units acquired or constructed under this chapter which are not subject to the requirements of subsection (a), windows which are described in subsection (c), including windows designed for emergency escape or rescue, are retrofitted to be equipped with fall prevention devices described in paragraph (1) of subsection (a) or are replaced with windows which are equipped with fall prevention devices described in such paragraph.

"(2) GRANTS.—The Secretary concerned may carry out the program under this subsection by making grants to private entities to retrofit or replace existing windows, in accordance with such criteria as the Secretary may establish by regulation.

"(3) USE OF OPERATIONS FUNDING.—The Secretary may carry out the program under this subsection during a fiscal year with amounts made available to the Secretary for family housing operations for such fiscal year.".

(b) EFFECTIVE DATE.—The amendments made by this section shall apply with respect to fiscal year 2019 and each succeeding fiscal year.

SEC. 2814. UPDATING PROHIBITION ON USE OF CERTAIN ASSESSMENT OF PUBLIC SCHOOLS ON DEPARTMENT OF DEFENSE INSTALLATIONS TO SUPERSEDE FUNDING OF CERTAIN PROJECTS.

(a) UPDATE.—Paragraph (3) of section 2814(a) of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114–328; 130 Stat. 2717), as added by section 2818(a) of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115–91; 131 Stat. 1852), is amended by striking "33 projects" and inserting "38 projects".

(b) EFFECTIVE DATE.—The amendment made by subsection (a) shall take effect as if included in the enactment of the National Defense Authorization Act for Fiscal Year 2018.

Subtitle C—Land Conveyances

SEC. 2821. AUTHORITY FOR TRANSFER OF ADMINISTRATIVE JURISDICTION OVER CERTAIN LANDS, MARINE CORPS AIR GROUND COMBAT CENTER TWENTYNINE PALMS, CALIFORNIA, AND MARINE CORPS AIR STATION YUMA, ARIZONA.

(a) MARINE CORPS AIR GROUND COMBAT CENTER TWENTYNINE PALMS, CALIFORNIA.—

(1) AUTHORITY FOR TRANSFER.—Subject to paragraph (2), the Secretary of the Navy may trans-

fer to the Secretary of the Interior, at no cost, administrative jurisdiction of approximately 2,105 acres of non-contiguous parcels of land within the Shared Use Area of the Marine Corps Air Ground Combat Center Twentynine Palms, California.

(2) CONDITION FOR TRANSFER.—The Secretary of the Navy may carry out the transfer under this subsection only if the Secretary of the Navy and the Secretary of the Interior each determine that the transfer is in the public interest and will be for the benefit of the Department of the Navy and the Department of the Interior, respectively.

(3) STATUS OF LAND AFTER TRANSFER.—Upon completion of the transfer under this subsection, the land over which the Secretary of the Interior obtains administrative jurisdiction shall become public land withdrawn and reserved under section 2941 of the National Defense Authorization Act for Fiscal Year 2014 (Public Law 113–66; 127 Stat. 1034), and shall be managed in accordance with section 2942(b)(1) of such Act (Public Law 113–66; 127 Stat. 1036), in the same manner as other lands in the Shared Use Area.

(4) SHARED USE AREA DEFINED.—In this subsection, the term "Shared Use Area" means the area described in section 2941(b)(2) of the National De-

fense Authorization Act for Fiscal Year 2014 (Public Law 113–66; 127 Stat. 1035).

(b) MARINE CORPS AIR STATION YUMA, ARIZONA.—

(1) AUTHORITY FOR TRANSFER.—Subject to paragraph (2), the Secretary of the Interior may transfer to the Secretary of the Navy, at no cost, administrative jurisdiction of approximately 256 acres of non-contiguous parcels of land within Marine Corps Air Station Yuma, Arizona which are used by the Department of the Navy as of the day before the date of the enactment of this Act pursuant to any of the following authorities:

(A) Public Land Order Number 2766 of August 28, 1962.

(B) Expired Public Land Order Number 6804 of October 16, 1990.

(C) Memorandum of Understanding Number 14-06-300-1266 of July 5, 1962, between the Department of the Interior and the Department of the Navy.

(2) CONDITION FOR TRANSFER.—The Secretary of the Interior may carry out the transfer under this subsection only if the Secretary of the Interior and the Secretary of the Navy each determine that the transfer is in the public interest and will be for the

benefit of the Department of the Interior and the Department of the Navy, respectively.

(3) WITHDRAWAL OF LAND AFTER TRANSFER.—Upon completion of the transfer under this subsection, the land over which the Secretary of the Navy obtains administrative jurisdiction—

(A) shall cease to be public land; and

(B) for as long as the land is under the administrative jurisdiction of the Secretary of the Navy or the Secretary of any other military department, shall be withdrawn from all forms of entry, appropriation, or disposal under the public land laws, from location, entry, and patent under the mining laws, and from disposition under all laws relating to mineral interests and to mineral and geothermal leasing.

SEC. 2822. PUBLIC INVENTORY OF GUAM LAND PARCELS FOR TRANSFER TO GOVERNMENT OF GUAM.

(a) NET-NEGATIVE INVENTORY OF LAND PARCELS.—

(1) MAINTENANCE AND UPDATE OF INVENTORY.—The Secretary of the Navy shall maintain and update regularly an inventory of all land parcels located on Guam which meet each of the following conditions:

(A) The parcels are currently owned by the United States Government and are under the administrative jurisdiction of the Department of the Navy.

(B) The Secretary has determined or expects to determine the parcels to be excess to the needs of the Department of the Navy.

(C) Under Federal law, including Public Law 106–504 (commonly known as the "Guam Omnibus Opportunities Act"; 40 U.S.C. 521 note), the parcels are eligible to be transferred to the territorial government.

(2) INFORMATION REQUIRED.—For each parcel included in the inventory under paragraph (1), the Secretary shall specify—

(A) the approximate size of the parcel;

(B) an estimate of the fair market value of the parcel, if available or as practicable;

(C) the date on which the Secretary determined, or the date by which the Secretary expects to determine, that the parcel is excess and made eligible for transfer to the territorial government; and

(D) the citation of the specific legal authority (including the Guam Omnibus Opportunities

Act) under which the Secretary will transfer the parcel to the territorial government or otherwise dispose of the parcel.

(b) PARCELS REQUIRED TO BE INCLUDED.—The Secretary shall include in the inventory under this section each of the following parcels, as described in the 2017 Net Negative Report:

(1) The Tanguisson Power Plant (5 acres), listed as Site 14 in the Report.

(2) The Harmon Substation Annex (9.9 acres), listed as Site 15 in the Report.

(3) The Piti Power Plant and Substation (15.5 acres), listed as Site 38 in the Report.

(4) Apra Heights Lot 403–1 (0.5 acres), listed as Site 55 in the Report.

(5) The Agana Power Plant and Substation (5.9 acres), listed as Site 54 in the Report.

(6) The ACEORP Maui Tunnel-Tamuning Route 1 behind Old Telex (3.7 acres), listed as Site 23 in the Report.

(7) The Parcel South of Camp Covington, Parcel 7 (60.8 acres), listed as Site 49 in the Report.

(8) The NCTS Beach Lot, adjacent to the Tanguisson Power Plant (13.3 acres), listed as Site 13 in the Report.

(9) The Hoover Park Annex (also known as "Old USO Beach"; 6 acres), listed as Site 37 in the Report.

(10) Parcel "C" Marbo Cave Annex (5 acres), listed as Site 12 in the Report.

(c) INCLUSION OF ADDITIONAL PARCELS IN INVENTORY.—

(1) REQUEST BY GOVERNOR.—The Governor of the territory of Guam may submit a request to the Secretary to add parcels to the inventory maintained under subsection (a), and shall specify in any such request any public benefit uses or public purposes proposed by the Governor for the parcel involved, pursuant to the Guam Omnibus Opportunities Act or any other relevant Federal law.

(2) CONSIDERATION BY SECRETARY.—Not later than 180 days of receipt of a request from the Governor under paragraph (1), the Secretary shall review the request and provide a response in writing to the Governor as to whether the Secretary will agree to the request to include the specific land parcel in the inventory maintained under subsection (a). If the Secretary denies the request, the Secretary shall provide a detailed written justification to the Governor that explains the continuing military need for the parcel,

if any, and the date on which the Secretary expects that military need to cease, if ever.

(d) EXCLUSION OF PARCELS.—The Secretary shall not include in the inventory maintained under this section any parcel transferred to the government of Guam prior to the date of the enactment of this Act, without regard to whether or not the parcel is included in the inventory under subsection (b).

(e) PUBLIC NOTIFICATION.—The Secretary shall publish and update on a public website of the United States Government the following information:

(1) The inventory maintained under subsection (a), including the parcels required to be included in such inventory under subsection (b).

(2) All requests submitted by the Governor under subsection (c), including any proposed public benefit use or public purpose specified in any such request.

(3) A copy of each response provided by the Secretary to each request submitted by the Governor under subsection (c).

(4) A description of each parcel of land transferred by the Secretary to the territorial government after January 20, 2011, including the following:

(A) The approximate size of the parcel.

(B) An estimate of the fair market value of the parcel, if available or as practicable.

(C) The specific legal authority under which the Secretary transferred the parcel to the territorial government.

(D) The date the parcel was transferred to the territorial government.

(f) DEFINITIONS.—In this section, the following definitions apply:

(1) 2017 NET NEGATIVE REPORT.—The term "2017 Net Negative Report" means the report submitted by the Secretary of the Navy, on behalf of the Secretary of Defense, under section 2208 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114–328; 130 Stat. 2695) regarding the status of the implementation of the "net negative" policy regarding the total number of acres of the real property controlled by the Department of the Navy or the Department of Defense on Guam.

(2) GOVERNOR.—The term "Governor" means the Governor of the territory of Guam.

(3) SECRETARY.—The term "Secretary" means the Secretary of the Navy.

(4) TERRITORIAL GOVERNMENT.—The term "territorial government" means the government of Guam

established under the Organic Act of Guam (48 U.S.C. 1421 et seq.).

SEC. 2823. LAND CONVEYANCE, NAVAL ACADEMY DAIRY FARM, GAMBRILLS, MARYLAND.

(a) CONVEYANCE AUTHORIZED.—Notwithstanding section 6976 of title 10, United States Code, the Secretary of the Navy may convey and release to Anne Arundel County, Maryland (in this section referred to as the "County") all right, title, and interest of the United States in and to the real property, including any improvements thereon, consisting of approximately 40 acres at the property commonly referred to as the Naval Academy dairy farm located in Gambrills, Maryland (in this section referred to as the "Dairy Farm").

(b) CONSIDERATION.—

(1) CONSIDERATION REQUIRED.—As consideration for the conveyance and release under subsection (a), the County shall provide an amount that is equivalent to the fair market value to the Department of the Navy of the right, title, and interest conveyed and released under such subsection, based on an appraisal approved by the Secretary of the Navy. The consideration under this paragraph may be provided by cash payment, in-kind consideration, or a com-

bination thereof, at such time as the Secretary may require.

(2) IN-KIND CONSIDERATION.—In-kind consideration provided by the County under paragraph (1) may include the acquisition, construction, provision, improvement, maintenance, repair, or restoration (including environmental restoration), or combination thereof, of any facility, real property, or infrastructure under the jurisdiction of the Secretary.

(3) TREATMENT OF CONSIDERATION RECEIVED.—Consideration in the form of cash payment received by the Secretary under paragraph (1) shall be retained by the Superintendent of the Naval Academy and shall be available to cover expenses related to the Dairy Farm, including reimbursing non-appropriated fund instrumentalities of the Naval Academy.

(c) PAYMENT OF COST OF CONVEYANCE AND RELEASE.—

(1) PAYMENT REQUIRED.—The Secretary of the Navy shall require the County to pay costs to be incurred by the Secretary, or to reimburse the Secretary for such costs incurred by the Secretary, to carry out the conveyance and release under subsection (a), including survey costs, appraisal costs, costs for envi-

ronmental documentation related to the conveyance and release, and any other administrative costs related to the conveyance and release. If amounts are collected from the County in advance of the Secretary incurring the actual costs, and the amount collected exceeds the costs actually incurred by the Secretary to carry out the conveyance and release or any costs incurred by the Secretary to administer the County's lease of the Dairy Farm, the Secretary shall refund the excess amount to the County.

(2) TREATMENT OF AMOUNTS RECEIVED.—Amounts received as reimbursement under paragraph (1) shall be credited to the fund or account that was used to pay the costs incurred by the Secretary in carrying out the conveyance and release under subsection (a) or, if the period of availability of obligations for that appropriation has expired, to the appropriations of fund that is currently available to the Secretary for the same purpose. Amounts so credited shall be merged with amounts in such fund or account and shall be available for the same purposes, and subject to the same conditions and limitations, as amounts in such fund or account.

(d) DESCRIPTION OF PROPERTY.—The exact acreage and legal description of the property which is subject to con-

veyance and release under subsection (a) shall be determined by a survey satisfactory to the Secretary of the Navy.

(e) ADDITIONAL TERMS AND CONDITIONS.—The Secretary of the Navy may require such additional terms and conditions in connection with the conveyance and release under subsection (a) as the Secretary considers appropriate to protect the interests of the United States.

(f) NO EFFECT ON EXISTING LEASES GOVERNING PROPERTY NOT SUBJECT TO CONVEYANCE.—Nothing in this section or in any conveyance and release carried out pursuant to this section may be construed to affect the terms, conditions, or applicability of any existing agreement entered into between the Country and the Secretary of the Navy which governs the use of any portion of the Dairy Farm which is not subject to conveyance and release under this section.

SEC. 2824. TECHNICAL CORRECTION OF DESCRIPTION OF LIMESTONE HILLS TRAINING AREA LAND WITHDRAWAL AND RESERVATION, MONTANA.

Section 2931(b) of the Military Construction Authorization Act for Fiscal Year 2014 (division B of Public Law 113–66; 127 Stat. 1031) is amended by striking "18,644 acres" and all that follows through "April 10, 2013" and inserting the following: "18,964 acres in Broadwater County, Montana, generally depicted as 'Limestone Hills Train-

ing Area Land Withdrawal' on the map entitled 'Limestone Hills Training Area Land Withdrawal', dated May 11, 2017".

SEC. 2825. LAND CONVEYANCE, WASATCH-CACHE NATIONAL FOREST, RICH COUNTY, UTAH.

(a) LAND CONVEYANCE AUTHORIZED.—Subject to valid existing rights, not later than 6 months after the date of the enactment of this section, the Secretary of Agriculture shall convey, without consideration, to the Utah State University Research Foundation, (in this section referred to as the "Foundation") all right, title, and interest of the United States in and to a parcel of real property consisting of approximately 80 acres, including improvements thereon, located outside of the boundaries of the Wasatch-Cache National Forest, Rich County, Utah, within Sections 19 and 30, Township 14 North, Range 5 East, Salt Lake Base and Meridian for the purpose of permitting the Foundation to use the property for scientific and educational purposes.

(b) REVERSIONARY INTEREST.—If the Secretary of Agriculture determines at any time that the real property conveyed under subsection (a) is not being used in accordance with the purpose of the conveyance specified in such subsection, all right, title and interest in and to such real property, including any improvements thereto, shall, at the option of the Secretary, revert to and become the property of

the United States, and the United States shall have the right of immediate entry onto such real property. A determination by the Secretary under this subsection shall be made on the record after an opportunity for a hearing.

(c) PAYMENT OF COSTS OF CONVEYANCE.—

(1) PAYMENT REQUIRED.—The Secretary of Agriculture shall require the Foundation to cover the costs (except any costs for environmental remediation of the property) to be incurred by the Secretary, or to reimburse the Secretary for such costs incurred by the Secretary, to carry out the conveyance under subsection (a), including survey costs, costs for environmental documentation, and any other administrative costs related to the conveyance. If amounts are collected from the Foundation in advance of the Secretary incurring the actual costs, and the amount collected exceeds the costs actually incurred by the Secretary to carry out the conveyance, the Secretary shall refund the excess amount to the Foundation.

(2) TREATMENT OF AMOUNTS RECEIVED.—Amounts received as reimbursement under paragraph (1) shall be credited to the fund or account that was used to cover those costs incurred by the Secretary in carrying out the conveyance. Amounts so credited shall be merged with amounts in such fund or ac-

count, and shall be available for the same purposes, and subject to the same conditions and limitations, as amounts in such fund or account.

(d) DESCRIPTION OF PROPERTY.—The exact acreage and legal description of the property to be conveyed under subsection (a) shall be determined by a survey satisfactory to the Secretary of Agriculture.

(e) ADDITIONAL TERMS AND CONDITIONS.—The Secretary of Agriculture may require such additional terms and conditions in connection with the conveyance under subsection (a) as the Secretary considers appropriate to protect the interests of the United States.

Subtitle D—Military Land Withdrawals

SEC. 2831. INDEFINITE DURATION OF CERTAIN MILITARY LAND WITHDRAWALS AND RESERVATIONS AND IMPROVED MANAGEMENT OF WITHDRAWN AND RESERVED LANDS.

(a) IMPROVING MANAGEMENT OF CURRENT STATUTORY LAND WITHDRAWALS AND RESERVATIONS AND MAKING MANAGEMENT MORE TRANSPARENT.—

(1) ROLE OF SECRETARY OF THE INTERIOR.—Section 101(a)(2) of the Sikes Act (16 U.S.C. 670a(a)(2)) is amended by striking ", acting through

the Director of the United States Fish and Wildlife Service,".

(2) ADDITIONAL ELEMENT OF INTEGRATED NATURAL RESOURCES MANAGEMENT PLAN.—Section 101(b) of the Sikes Act (16 U.S.C. 670a(b)) is amended—

(A) by striking "and" at the end of paragraph (2);

(B) by redesignating paragraph (3) as paragraph (4); and

(C) by inserting after paragraph (2) the following new paragraph:

"(3) for purposes of paragraph (2), shall be reviewed—

"(A) jointly by the Secretary of the military department and the Secretary of the Interior; and

"(B) in a manner that provides affected States and Indian tribes and the public a meaningful opportunity to comment on any significant revisions to the plan that may be proposed; and".

(b) EL CENTRO NAVAL AIR FACILITY RANGES.—

(1) ELIMINATION OF TERMINATION DATE AND CONFORMING AMENDMENTS.—The El Centro Naval

Air Facility Ranges Withdrawal Act (subtitle B of title XXIX of Public Law 104–201; 110 Stat. 2813) is amended—

(A) in section 2921(b)(3), by striking ", before the termination date specified in section 2925,";

(B) in section 2924(a), by striking the third sentence;

(C) by striking sections 2925 and 2927; and

(D) in section 2928(a), by striking "specified in section 2925".

(2) DETERMINATION OF CONTINUING MILITARY NEED FOR WITHDRAWAL AND RESERVATION AND PUBLIC REPORTS.—The El Centro Naval Air Facility Ranges Withdrawal Act (subtitle B of title XXIX of Public Law 104–201; 110 Stat. 2813) is further amended by inserting after section 2926 the following new section:

"SEC. 2927. DETERMINATION OF CONTINUING MILITARY NEED FOR WITHDRAWAL AND RESERVATION AND PUBLIC REPORTS.

"(a) PUBLIC REPORTS.—

"(1) CHANGES IN LAND CONDITIONS.—(A) Concurrent with each review as to operation and effect of an integrated natural resources management plan

covering lands withdrawn and reserved under this title, as required by section 101(b)(2) of the Sikes Act (16 U.S.C. 670a(b)(2)), the Secretary of the Navy and the Secretary of the Interior shall jointly prepare and issue a report describing any changes in the condition of the lands withdrawn and reserved under this subtitle since the later of the date of any previous report under this paragraph or the date of the environmental analysis prepared to support the actions that changed the condition of the lands.

"(B) A report under subparagraph (A) shall include a summary of current military use of the lands withdrawn and reserved under this subtitle, any changes in military use of the lands since the previous report, and efforts related to the management of natural and cultural resources and environmental remediation of the lands during the previous five years.

"(2) COMBINATION WITH OTHER REPORTS.—A report under this subsection may be combined with, or incorporate by reference, any contemporary report required by any other provision of law regarding the lands withdrawn and reserved under this subtitle.

"(3) PUBLIC REVIEW AND COMMENT.—(A) Before the finalization of a report under this subsection, the Secretary of the Navy and the Secretary of the Inte-

rior shall invite interested members of the public to review and comment on the report, and shall hold at least one public meeting concerning the report in a location or locations reasonably accessible to persons who may be affected by management of the lands withdrawn and reserved under this subtitle.

"(B) Each public meeting under subparagraph (A) shall be announced not less than 15 days before the date of the meeting by advertisements in local newspapers of general circulation, notices on the internet, including the website of El Centro, and any other means considered necessary or desirable by the Secretaries.

"(4) DISTRIBUTION OF REPORT.—The Secretary of the Navy shall make the final version of a report under this subsection available to the public and shall submit the final version of such a report to the Committees on Armed Services and Energy and Natural Resources of the Senate and the Committees on Armed Services and Natural Resources of the House of Representatives.

"(b) DETERMINATION OF CONTINUING MILITARY NEED.—With each report prepared pursuant to subsection (a), the Secretary of the Navy shall attach the Secretary's determination regarding whether there will be a continuing

military need for any or all the withdrawn and reserved lands for the following 5 years.".

(3) CLERICAL AMENDMENTS.—The table of contents of the El Centro Naval Air Facility Ranges Withdrawal Act (subtitle B of title XXIX of Public Law 104-201; 110 Stat. 2813) is amended—

(A) by striking the item relating to section 2925; and

(B) by amending the item relating to section 2927 to read as follows:

"Sec. 2927. Determination of continuing military need for withdrawal and reservation and public reports.".

(c) JUNIPER BUTTE RANGE.—

(1) ELIMINATION OF TERMINATION DATE AND CONFORMING AMENDMENTS.—The Juniper Butte Range Withdrawal Act (title XXIX of Public Law 105–261; 112 Stat. 2226) is amended—

(A) in section 2915—

*(i) in the section heading, by striking "**Duration**" and inserting "**Relinquishment**";*

(ii) in subsection (a), by striking "TERMINATION.—" and all that follows through "At the time of termination" and inserting "EFFECT OF RELINQUISHMENT ON OPERATION OF GENERAL LAND LAWS.—

Upon relinquishment of Department of the Air Force jurisdiction over lands withdrawn and reserved by this title";

(iii) in subsection (b)—

(I) in the subsection heading, by inserting "PROCESS" after "RELINQUISHMENT";

(II) in paragraph (1), by striking "under subsection (c)"; and

(III) in paragraph (3), by striking "before the date of termination, as provided for in subsection (a)(1)"; and

(iv) by striking subsection (c); and

(B) in section 2916—

*(i) in the section heading, by striking "**or upon termination of withdrawal**";*

(ii) in subsection (a)(1), by striking "and in all cases not later than 2 years before the date of termination of withdrawal and reservation,";

(iii) in subsection (b), by striking "environmental remediation" and all that follows through the end of the subsection and inserting "environmental remediation before

relinquishing, to the Secretary of the Interior, jurisdiction over any lands identified in a notice of intent to relinquish under section 2915(b).''; and

(iv) in subsection (d)—

(I) in the subsection heading, by striking ''TERMINATES'' and inserting ''RELINQUISHED'';

(II) by striking ''termination date'' both places it appears and inserting ''relinquishment date''; and

(III) in paragraph (2), by striking ''termination'' and inserting ''relinquishment''.

(2) DETERMINATIONS OF CONTINUING MILITARY NEED FOR WITHDRAWAL AND RESERVATION AND PUBLIC REPORTS.—Section 2909 of the Juniper Butte Range Withdrawal Act (title XXIX of Public Law 105–261; 112 Stat. 2230) is amended by adding at the end the following new subsection:

''(d) PUBLIC REPORTS.—

''(1) CHANGES IN LAND CONDITIONS.—(A) Concurrent with each review of an integrated natural resources management plan developed under this section, the Secretary of the Air Force and the Secretary

of the Interior shall jointly prepare and issue a report describing any changes in the condition of the lands withdrawn and reserved by this title since the later of the date of any previous report under this paragraph or the date of the environmental analysis prepared to support the actions that changed the condition of the lands.

"(B) A report under subparagraph (A) shall include a summary of current military use of the lands withdrawn and reserved by this title, any changes in military use of the lands since the previous report, and efforts related to the management of natural and cultural resources and environmental remediation of the lands during the previous 5 years.

"(2) COMBINATION WITH OTHER REPORTS.—A report under this subsection may be combined with, or incorporate by reference, any contemporary report required by any other provision of law regarding the lands withdrawn and reserved by this title.

"(3) PUBLIC REVIEW AND COMMENT.—(A) Before the finalization of a report under this subsection, the Secretary of the Air Force and the Secretary of the Interior shall invite interested members of the public to review and comment on the report, and shall hold at least one public meeting concerning the report in

a location or locations reasonably accessible to persons who may be affected by management of the lands withdrawn and reserved by this title.

"(B) Each public meeting under subparagraph (A) shall be announced not less than 15 days before the date of the meeting by advertisements in local newspapers of general circulation, notices on the internet, including the website of the Juniper Butte Range (if one exists), and any other means considered necessary or desirable by the Secretaries.

"(4) DETERMINATION OF CONTINUING MILITARY NEED.—With each report prepared pursuant to this subsection, the Secretary of the Air Force shall attach the Secretary's determination regarding whether there will be a continuing military need for any or all the withdrawn and reserved lands for the following 5 years.

"(5) DISTRIBUTION OF REPORT.—The Secretary of the Air Force shall make the final version of a report under this subsection available to the public and shall submit the final version of such a report to the Committees on Armed Services and Energy and Natural Resources of the Senate and the Committees on Armed Services and Natural Resources of the House of Representatives.".

(3) CLERICAL AMENDMENTS.—The table of contents of the Juniper Butte Range Withdrawal Act (title XXIX of Public Law 105-261; 112 Stat. 2226) is amended—

(A) by amending the item relating to section 2915 to read as follows:

"Sec. 2915. Relinquishment of withdrawal."; and

(B) by amending the item relating to section 2916 to read as follows:

"Sec. 2916. Environmental remediation of relinquished withdrawn lands.".

(d) RANGES COVERED BY SUBTITLE A OF MILITARY LANDS WITHDRAWAL ACT OF 1999.—

(1) ELIMINATION OF TERMINATION DATE AND CONFORMING AMENDMENTS.—The Military Lands Withdrawal Act of 1999 (title XXX of Public Law 106–65; 113 Stat. 885) is amended—

(A) by striking section 3015;

(B) by striking section 3016 and inserting the following new section:

"SEC. 3016. RELINQUISHMENT.

"(a) NOTICE OF INTENT REGARDING RELINQUISHMENT.—If the Secretary of the military department concerned decides to relinquish all or any of the lands withdrawn and reserved by section 3011, such Secretary shall transmit a notice of intent to relinquish such lands to the Secretary of the Interior.

"(b) OPENING DATE.—On the date of relinquishment of the withdrawal and reservation of lands withdrawn and reserved by section 3011, such lands shall not be open to any form of appropriation under the public land laws, including the mineral laws and the mineral leasing and geothermal leasing laws, until the Secretary of the Interior publishes in the Federal Register an appropriate order stating the date upon which such lands shall be restored to the public domain and opened."; and

(C) in section 3017—

(i) by striking "section 3016(d)" each place it appears and inserting "section 3016"; and

(ii) in subsection (e)—

(I) by striking "If because" and everything that follows through "determines that" and inserting "If the Secretary of the Interior declines to accept jurisdiction over lands withdrawn by this subtitle which have been proposed for relinquishment because the Secretary determines that"; and

(II) in paragraph (2), by striking "the expiration of the withdrawal of

such lands under this subtitle" and inserting "such determination".

(2) ESTABLISHMENT OF INTERGOVERNMENTAL EXECUTIVE COMMITTEES.—Section 3014 of the Military Lands Withdrawal Act of 1999 (title XXX of Public Law 106–65; 113 Stat. 890) is amended by adding at the end the following new subsection:

"(g) INTERGOVERNMENTAL EXECUTIVE COMMITTEES.—

"(1) ESTABLISHMENT AND PURPOSE.—For the lands withdrawn and reserved by section 3011, the Secretary of the military department concerned and the Secretary of the Interior shall establish, by memorandum of understanding, an intergovernmental executive committee for each range for the sole purpose of exchanging views, information, and advice relating to the management of the natural and cultural resources of the withdrawn and reserved lands.

"(2) COMPOSITION.—(A) The Secretary of the military department concerned and the Secretary of the Interior shall include representatives from interested Federal agencies as members of the intergovernmental executive committee for a range.

"(B) The Secretary of the military department concerned and the Secretary of the Interior shall in-

vite to serve as members of the intergovernmental executive committee for a range—

"(i) at least one elected officer (or other authorized representative) from the government of the State in which the withdrawn and reserved lands are located; and

"(ii) at least one elected officer (or other authorized representative) from each local government and Indian tribal government in the vicinity of the withdrawn and reserved lands, as determined by the Secretaries.

"(3) OPERATION.—The intergovernmental executive committee for a range shall operate in accordance with the terms set forth in the memorandum of understanding.

"(4) PROCEDURES.—The memorandum of understanding for a range shall establish procedures for creating a forum for exchanging views, information, and advice relating to the management of natural and cultural resources on the withdrawn and reserved lands, procedures for rotating the chair of the intergovernmental executive committee, and procedures for scheduling regular meetings, which shall occur no less frequently than twice a year.

"(5) COORDINATOR.—The Secretary of the military department concerned, in consultation with the Secretary of the Interior, shall appoint an individual to serve as coordinator of the intergovernmental executive committee for a range. The duties of the coordinator shall be included in the memorandum of understanding. The coordinator shall not be a member of the committee.".

(3) DETERMINATION OF CONTINUING MILITARY NEED FOR WITHDRAWAL AND RESERVATION AND PUBLIC REPORTS.—The Military Lands Withdrawal Act of 1999 (title XXX of Public Law 106–65; 113 Stat. 885), as amended by paragraph (1), is further amended by inserting after section 3014 the following new section:

"SEC. 3015. DETERMINATION OF CONTINUING MILITARY NEED FOR WITHDRAWAL AND RESERVATION AND PUBLIC REPORTS.

"(a) PUBLIC REPORTS.—

"(1) CHANGES IN LAND CONDITIONS.—(A) Concurrent with each review as to operation and effect of an integrated natural resources management plan covering lands withdrawn and reserved under this title, as required by section 101(b)(2) of the Sikes Act (16 U.S.C. 670a(b)(2)), the Secretary of the military

department concerned and the Secretary of the Interior shall jointly prepare and issue a report describing any changes in the condition of the lands withdrawn and reserved under this subtitle since the later of the date of any previous report under this paragraph or the date of the environmental analysis prepared to support the actions that changed the condition of the lands.

"(B) A report under subparagraph (A) shall include a summary of current military use of the lands covered by the plan, any changes in military use of the lands since the previous report, and efforts related to the management of natural and cultural resources and environmental remediation of the lands during the previous five years.

"(2) COMBINATION WITH OTHER REPORTS.—A report under this subsection may be combined with, or incorporate by reference, any contemporary report required by any other provision of law regarding the lands covered by the integrated natural resources management plan.

"(3) PUBLIC REVIEW AND COMMENT.—(A) Before the finalization of a report under this subsection, the Secretary of the military department concerned and the Secretary of the Interior shall invite interested

members of the public to review and comment on the report, and shall hold at least one public meeting concerning the report in a location or locations reasonably accessible to persons who may be affected by management of the lands addressed by the report.

"(B) Each public meeting under subparagraph (A) shall be announced not less than 15 days before the date of the meeting by advertisements in local newspapers of general circulation, notices on the internet, including the website of the affected military range (if one exists), and any other means considered necessary or desirable by the Secretaries.

"(4) DISTRIBUTION OF REPORT.—The Secretary of the military department concerned shall make the final version of a report under this subsection available to the public and shall submit the final version of such a report to the Committees on Armed Services and Energy and Natural Resources of the Senate and the Committees on Armed Services and Natural Resources of the House of Representatives.

"(b) DETERMINATION OF CONTINUING MILITARY NEED.—With each report prepared pursuant to subsection (a), the Secretary of the military department concerned shall attach the Secretary's determination regarding whether there will be a continuing military need for any or all

of the withdrawn and reserved lands for the following 5 years.".

(4) CLERICAL AMENDMENTS.—The table of contents of the Military Lands Withdrawal Act of 1999 (title XXX of Public Law 106-65; 113 Stat. 885) is amended—

(A) by amending the item relating to section 3015 to read as follows:

"Sec. 3015. Determination of continuing military need for withdrawal and reservation and public reports."; and

(B) by amending the item relating to section 3016 to read as follows:

"Sec. 3016. Relinquishment.".

(e) BARRY M. GOLDWATER RANGE.—

(1) ELIMINATION OF TERMINATION DATE AND CONFORMING AMENDMENTS.—Section 3031 of the Military Lands Withdrawal Act of 1999 (title XXX of Public Law 106–65; 113 Stat. 897) is amended—

(A) in subsection (c)—

(i) in paragraph (1), by striking ", including the duration of any renewal or extension";

(ii) in paragraph (2)—

(I) in the paragraph heading, by striking "OR TERMINATION"; and

(II) in subparagraph (C), by striking the last sentence; and

(iii) in paragraph (3)(A), by striking "or termination"; and

(B) in subsection (d), by striking "DURATION" and all that follows through "of the termination" and inserting "EFFECT OF RELINQUISHMENT ON OPERATION OF GENERAL LAND LAWS.—On the date of relinquishment";

(C) by striking subsection (e); and

(D) in subsection (f)—

(i) in the subsection heading, by striking "TERMINATION AND";

(ii) in paragraph (1), by striking "but not later than three years before the termination of the withdrawal and reservation,";

(iii) in paragraph (3), by striking "before the termination date of the withdrawal and reservation of such lands under this section"; and

(iv) in paragraph (4)(A), by striking "Notwithstanding the termination date, unless" and inserting "Unless".

(2) DETERMINATIONS OF CONTINUING MILITARY NEED FOR WITHDRAWAL AND RESERVATION.—Section

3031 of the Military Lands Withdrawal Act of 1999 (title XXX of Public Law 106–65; 113 Stat. 897), as amended by paragraph (1), is further amended by inserting after subsection (d) the following new subsection:

"(e) DETERMINATION OF CONTINUING MILITARY NEED.—With each report prepared pursuant to subsection (b)(5), the Secretary of the Navy and the Secretary of the Air Force shall attach the Secretary's determination regarding whether there will be a continuing military need for any or all the withdrawn and reserved lands for the following 5 years.".

(3) USE OF DEFINITIONS.—Section 3031(c)(5) of the Military Lands Withdrawal Act of 1999 (title XXX of Public Law 106–65; 113 Stat. 907) is amended by striking subparagraphs (A) and (B) and inserting the following:

"(A) The term 'military munitions' has the meaning given that term in section 101(e)(4) of title 10, United States Code.

"(B) The term 'unexploded ordnance' has the meaning given that term in section 101(e)(5) of such title.".

(f) NATIONAL TRAINING CENTER.—

(1) ELIMINATION OF TERMINATION DATE AND CONFORMING AMENDMENTS.—The Fort Irwin Military Land Withdrawal Act of 2001 (title XXIX of Public Law 107–107; 115 Stat. 1335) is amended—

(A) in section 2910, by striking the section heading and all that follows through "At the time of the termination" and inserting the following:

"SEC. 2910. EFFECT OF RELINQUISHMENT ON OPERATION OF GENERAL LAND LAWS.

"On the date of relinquishment";

(B) by striking section 2911; and

(C) in section 2912—

*(i) in the section heading, by striking "**Termination and**";*

(ii) in subsection (a), by striking "During the first 22 years of the withdrawal and reservation made by this title, if" and inserting "If";

(iii) in subsection (c), by striking "before the termination date of the withdrawal and reservation"; and

(iv) in subsection (d), by striking "Notwithstanding the termination date

specified in section 2910, unless" and inserting "Unless".

(2) DETERMINATION OF CONTINUING MILITARY NEED FOR WITHDRAWAL AND RESERVATION AND PUBLIC REPORTS.—The Fort Irwin Military Land Withdrawal Act of 2001 (title XXIX of Public Law 107–107; 115 Stat. 1335) is further amended by inserting after section 2910 the following new section:

"SEC. 2911. DETERMINATION OF CONTINUING MILITARY NEED FOR WITHDRAWAL AND RESERVATION AND PUBLIC REPORTS.

"(a) PUBLIC REPORTS.—

"(1) CHANGES IN LAND CONDITIONS.—(A) Concurrent with each review as to operation and effect of an integrated natural resources management plan covering lands withdrawn and reserved under this title, as required by section 101(b)(2) of the Sikes Act (16 U.S.C. 670a(b)(2)), the Secretary of the Army and the Secretary of the Interior shall jointly prepare and issue a report describing any changes in the condition of the lands withdrawn and reserved under this title since the later of the date of any previous report under this paragraph or the date of the environmental analysis prepared to support the actions that changed the condition of the lands.

"(B) A report under subparagraph (A) shall include a summary of current military use of the lands withdrawn and reserved by this title, any changes in military use of the lands since the previous report, and efforts related to the management of natural and cultural resources and environmental remediation of the lands during the previous five years.

"(2) COMBINATION WITH OTHER REPORTS.—A report under this subsection may be combined with, or incorporate by reference, any contemporary report required by any other provision of law regarding the lands withdrawn and reserved by this title.

"(3) PUBLIC REVIEW AND COMMENT.—(A) Before the finalization of a report under this subsection, the Secretary of the Army and the Secretary of the Interior shall invite interested members of the public to review and comment on the report, and shall hold at least one public meeting concerning the report in a location or locations reasonably accessible to persons who may be affected by management of the lands withdrawn and reserved by this title.

"(B) Each public meeting under subparagraph (A) shall be announced not less than 15 days before the date of the meeting by advertisements in local newspapers of general circulation, notices on the

internet, including the website of National Training Center, and any other means considered necessary or desirable by the Secretaries.

"(4) DISTRIBUTION OF REPORT.—The Secretary of the Army shall make the final version of a report under this subsection available to the public and shall submit the final version of such a report to the Committees on Armed Services and Energy and Natural Resources of the Senate and the Committees on Armed Services and Natural Resources of the House of Representatives.

"(b) PERIODIC DETERMINATION OF CONTINUING NEED.—With each report prepared pursuant to subsection (a), the Secretary of the Army shall attach the Secretary's determination regarding whether there will be a continuing military need for any or all of the withdrawn and reserved lands for the following 5 years.".

(3) ESTABLISHMENT OF INTERGOVERNMENTAL EXECUTIVE COMMITTEE.—The Fort Irwin Military Land Withdrawal Act of 2001 (title XXIX of Public Law 107–107; 115 Stat. 1335) is amended by adding at the end the following new section:

"SEC. 2914. INTERGOVERNMENTAL EXECUTIVE COMMITTEE.

"(a) ESTABLISHMENT AND PURPOSE.—The Secretary of the Army and the Secretary of the Interior shall establish,

by memorandum of understanding, an intergovernmental executive committee for the sole purpose of exchanging views, information, and advice relating to the management of the natural and cultural resources of the lands withdrawn and reserved by this title.

"(b) COMPOSITION.—

"(1) REPRESENTATIVES OF OTHER FEDERAL AGENCIES.—The Secretary of the Army and the Secretary of the Interior shall include representatives from interested Federal agencies as members of the intergovernmental executive committee.

"(2) REPRESENTATIVES OF STATE AND LOCAL GOVERNMENTS.—The Secretary of the Army and the Secretary of the Interior shall invite to serve as members of the intergovernmental executive committee—

"(A) at least one elected officer (or other authorized representative) from the government of the State of California; and

"(B) at least one elected officer (or other authorized representative) from each local government and Indian tribal government in the vicinity of the withdrawn and reserved lands, as determined by the Secretaries.

"(c) OPERATION.—The intergovernmental executive committee shall operate in accordance with the terms set

forth in the memorandum of understanding under subsection (a).

''(d) PROCEDURES.—The memorandum of understanding under subsection (a) shall establish procedures for creating a forum for exchanging views, information, and advice relating to the management of natural and cultural resources on the lands withdrawn and reserved by this title, procedures for rotating the chair of the intergovernmental executive committee, and procedures for scheduling regular meetings, which shall occur no less frequently than twice a year.

''(e) COORDINATOR.—The Secretary of the Army, in consultation with the Secretary of the Interior, shall appoint an individual to serve as coordinator of the intergovernmental executive committee. The duties of the coordinator shall be included in the memorandum of understanding under subsection (a). The coordinator shall not be a member of the committee.''.

(4) CLERICAL AMENDMENTS.—The table of contents of the Fort Irwin Military Land Withdrawal Act of 2001 (title XXIX of Public Law 107-107; 115 Stat. 1335) is amended—

(A) by amending the item relating to section 2910 to read as follows:

''Sec. 2910. Effect of relinquishment on operation of general land laws.'';

(B) by amending the item relating to section 2911 to read as follows:

"Sec. 2911. Determination of continuing military need for withdrawal and reservation and public reports.";

(C) by amending the item relating to section 2912 to read as follows:

"Sec. 2912. Relinquishment."; and

(D) by inserting after the item relating to section 2913 the following new item:

"Sec. 2914. Intergovernmental executive committee.".

(g) RANGES COVERED BY MILITARY LAND WITHDRAWALS ACT OF 2013.—

(1) ELIMINATION OF TERMINATION DATE AND CONFORMING AMENDMENTS.—The Military Land Withdrawals Act of 2013 (title XXIX of Public Law 113–66; 127 Stat. 1025) is amended—

(A) by striking sections 2919, 2920; 2936, 2946, and 2979;

(B) in section 2921, by striking "On the termination of" and inserting "On the relinquishment of"; and

(C) in section 2922(d)(3)—

(i) in the paragraph heading, by striking "ON TERMINATION" and inserting "UPON RELINQUISHMENT"; and

(ii) by striking "or if at the expiration of the withdrawal and reservation,".

(2) ESTABLISHMENT OF INTERGOVERNMENTAL EXECUTIVE COMMITTEE.—The Military Land Withdrawals Act of 2013 (title XXIX of Public Law 113–66; 127 Stat. 1025) is further amended by inserting after section 2918 the following new section:

"SEC. 2919. INTERGOVERNMENTAL EXECUTIVE COMMITTEE.

"(a) ESTABLISHMENT AND PURPOSE.—For the lands withdrawn and reserved by sections 2941 and 2971, the Secretary concerned and the Secretary of the Interior shall establish, by memorandum of understanding, an intergovernmental executive committee for each location for the sole purpose of exchanging views, information, and advice relating to the management of the natural and cultural resources of the withdrawn and reserved lands.

"(b) COMPOSITION.—

"(1) REPRESENTATIVES OF OTHER FEDERAL AGENCIES.—The Secretary concerned and the Secretary of the Interior shall include representatives from interested Federal agencies as members of the intergovernmental executive committee for a location covered by subsection (a).

"(2) REPRESENTATIVES OF STATE AND LOCAL GOVERNMENTS.—The Secretary concerned and the

Secretary of the Interior shall invite to serve as members of the intergovernmental executive committee for a location covered by subsection (a)—

"(A) at least one elected officer (or other authorized representative) from the government of the State in which the withdrawn and reserved lands are located; and

"(B) at least one elected officer (or other authorized representative) from each local government and Indian tribal government in the vicinity of the withdrawn and reserved lands, as determined by the Secretaries.

"(c) OPERATION.—The intergovernmental executive committee for a location covered by subsection (a) shall operate in accordance with the terms set forth in the memorandum of understanding under subsection (a).

"(d) PROCEDURES.—The memorandum of understanding under subsection (a) shall establish procedures for creating a forum for exchanging views, information, and advice relating to the management of natural and cultural resources on the withdrawn and reserved lands, procedures for rotating the chair of the intergovernmental executive committee, and procedures for scheduling regular meetings, which shall occur no less frequently than twice a year.

"(e) COORDINATOR.—The Secretary concerned, in consultation with the Secretary of the Interior, shall appoint an individual to serve as coordinator of the intergovernmental executive committee for a location covered by subsection (a). The duties of the coordinator shall be included in the memorandum of understanding under subsection (a). The coordinator shall not be a member of the committee.".

(3) DETERMINATION OF CONTINUING MILITARY NEED FOR WITHDRAWAL AND RESERVATION AND PUBLIC REPORTS.—The Military Land Withdrawals Act of 2013 (title XXIX of Public Law 113–66; 127 Stat. 1025) is further amended by inserting after section 2919, as added by paragraph (2), the following new section:

"SEC. 2920. DETERMINATION OF CONTINUING MILITARY NEED FOR WITHDRAWAL AND RESERVATION AND PUBLIC REPORTS.

"(a) PUBLIC REPORTS.—

"(1) CHANGES IN LAND CONDITIONS.—(A) Concurrent with each review as to operation and effect of an integrated natural resources management plan covering lands withdrawn and reserved under this title, as required by section 101(b)(2) of the Sikes Act (16 U.S.C. 670a(b)(2)), the Secretary of the military department concerned and the Secretary of the Inte-

rior shall jointly prepare and issue a report describing any changes in the condition of the lands covered by the plan since the later of the date of any previous report under this paragraph or the date of the environmental analysis prepared to support the actions that changed the condition of the lands.

"(B) A report under subparagraph (A) shall include a summary of current military use of the lands covered by the plan, any changes in military use of the lands since the previous report, and efforts related to the management of natural and cultural resources and environmental remediation of the lands during the previous five years.

"(2) COMBINATION WITH OTHER REPORTS.—A report under this subsection may be combined with, or incorporate by reference, any contemporary report required by any other provision of law regarding the lands addressed by the report.

"(3) PUBLIC REVIEW AND COMMENT.—(A) Before the finalization of a report under this subsection, the Secretary of the military department concerned and the Secretary of the Interior shall invite interested members of the public to review and comment on the report, and shall hold at least one public meeting concerning the report in a location or locations reason-

ably accessible to persons who may be affected by management of the lands addressed by the report.

"(B) Each public meeting under subparagraph (A) shall be announced not less than 15 days before the date of the meeting by advertisements in local newspapers of general circulation, notices on the internet, including the website of the affected military range (if one exists), and any other means considered necessary or desirable by the Secretaries.

"(4) DISTRIBUTION OF REPORT.—The Secretary of the military department concerned shall make the final version of a report under this subsection available to the public and shall submit the final version of such a report to the Committees on Armed Services and Energy and Natural Resources of the Senate and the Committees on Armed Services and Natural Resources of the House of Representatives.

"(b) DETERMINATION OF CONTINUING MILITARY NEED.—With each report prepared pursuant to subsection (a), the Secretary of the military department concerned shall attach the Secretary's determination regarding whether there will be a continuing military need for any or all of the withdrawn and reserved lands for the following 5 years.".

(4) CLERICAL AMENDMENTS.—The table of contents of the Military Land Withdrawals Act of 2013 (title XXIX of Public Law 113-66; 127 Stat. 1025) is amended—

(A) by striking the item relating to section 2919 and inserting the following new item:

"Sec. 2919. Intergovernmental executive committee.";

(B) by striking the item relating to section 2920 and inserting the following new item:

"Sec. 2920. Determination of continuing military need for withdrawal and reservation and public reports."; and

(C) by striking the items relating to section 2936, 2946, and 2979.

(h) REQUESTS FOR WITHDRAWALS MADE TO SECRETARY OF THE INTERIOR; TEMPORARY USE PERMITS AND TRANSFERS OF SMALL PARCELS OF LAND BETWEEN DEPARTMENTS OF INTERIOR AND MILITARY DEPARTMENTS; MORE EFFICIENT SURVEYING OF LANDS.—

(1) REQUIRING REQUESTS FOR WITHDRAWALS TO BE MADE TO SECRETARY OF THE INTERIOR.—Section 3 of the Act of February 28, 1958 (Public Law 85–337; 43 U.S.C. 157), is amended—

(A) by striking "Any application" and inserting "(a) CONTENTS OF APPLICATION.—Any application"; and

(B) by striking "shall specify" and inserting "shall be filed with the Secretary of the Interior and shall specify".

(2) AUTHORIZATION OF ADDITIONAL ARRANGEMENTS FOR USE AND TRANSFER OF LANDS UNDER JURISDICTION OF SECRETARY OF THE INTERIOR.—Such Act (43 U.S.C. 155 et seq.) is further amended by adding at the end the following new sections:

"SEC. 7. SHORT-TERM PERMITS FOR USE OF DEPARTMENT OF INTERIOR LANDS FOR MILITARY TRAINING AND TESTING.

"(a) AUTHORITY.—In addition to any other authority to grant permits for the use of land, the Secretary of the Interior may grant a permit to the Secretary of Defense to use land under the administrative jurisdiction of the Secretary of the Interior. Any such permit—

"(1) shall be issued consistent with section 2691 of title 10, United States Code;

"(2) shall allow the Department of Defense to use the land only for purposes of training and testing that are consistent with the purposes for which the Secretary of the Interior manages the land; and

"(3) may contain such other requirements as the Secretary of the Interior considers appropriate.

"(b) DURATION OF PERMIT.—A permit granted under this section shall be in effect for such period as the Secretary of the Interior may provide, except that such period may not exceed 30 days.

"SEC. 8. TRANSFERS OF SMALL PARCELS OF LAND BETWEEN THE DEPARTMENTS OF DEFENSE AND INTERIOR.

"(a) TRANSFER AUTHORIZED.—Subject to any valid existing rights, upon mutual agreement, and without cost for the value of the land or any improvements thereon—

"(1) the Secretary of the Interior may transfer administrative jurisdiction over land that meets the requirements of subsection (b) to the Secretary of a military department; and

"(2) the Secretary of a military department may transfer administrative jurisdiction over land that meets the requirements of subsection (b) to the Secretary of the Interior.

"(b) REQUIREMENTS FOR LAND ELIGIBLE FOR TRANSFER.—The requirements of this subsection are as follows:

"(1) CONTIGUITY.—The land is contiguous to land already under the administrative jurisdiction of the Secretary to whom such jurisdiction is transferred.

"(2) LIMITATION ON ACREAGE.—No single parcel of the land is larger than 5,000 acres of contiguous area.

"(3) NO RECENT PRIOR TRANSFER OF CONTIGUOUS LAND.—The land is not contiguous to any other land for which administrative jurisdiction has been transferred under the authority of this section during the previous 5 years.

"(4) PRIOR USE FOR DEFENSE PURPOSES.—In the case of land transferred to the Department of Defense, the land was used for defense purposes immediately prior to the date of transfer.

"(c) MAP AND LEGAL DESCRIPTION.—

"(1) PREPARATION AND PUBLICATION.—The Secretary of the Interior shall—

"(A) publish in the Federal Register a notice containing the legal description of any land transferred under subsection (a);

"(B) file maps and legal descriptions of the land with—

"(i) the Committees on Armed Services and Energy and Natural Resources of the Senate, and

"(ii) the Committees on Armed Services and Natural Resources of the House of Representatives; and

"(C) make copies of such maps and legal descriptions available for public inspection in the appropriate offices of the Bureau of Land Management.

"(2) FORCE OF LAW.—For purposes of any transfer of administrative jurisdiction over land under this section, the legal description and map for the land shall be the legal description of the land filed under paragraph (1)(B), except that the Secretary of the Interior may correct clerical and typographical errors in the legal description or map.

"(3) COSTS.—The Secretary of the military department to whom administrative jurisdiction over land is transferred under subsection (a)(1) shall reimburse the Secretary of the Interior for the costs incurred by the Secretary of the Interior in implementing this subsection with respect to such land.

"(d) TREATMENT AND USE OF LAND TRANSFERRED TO THE SECRETARY OF A MILITARY DEPARTMENT.—Upon a transfer of administrative jurisdiction over land to the Secretary of a military department under subsection (a)(1)—

"(1) the land shall be treated as property (as defined in section 102(9) of title 40, United States Code) under the administrative jurisdiction of the Secretary of the military department; and

"(2) for as long as the land is under the administrative jurisdiction of a Secretary of a military department, the land shall be withdrawn from—

"(A) all forms of entry, appropriation, or disposition under the public land laws,

"(B) location, entry, and patent under the mining laws,

"(C) disposition under all laws relating to mineral materials and all laws relating to mineral and geothermal leasing.

"(e) TREATMENT AND USE OF LAND TRANSFERRED TO THE SECRETARY OF THE INTERIOR.—Upon a transfer of administrative jurisdiction over land to the Secretary of the Interior under subsection (a)(2)—

"(1) the land shall become public land; and

"(2) the land shall be administered for the same purposes and be subject to the same conditions of use as the adjacent public land.

"(f) EFFECT ON OTHER AUTHORITIES.—The authority provided by this section is in addition to, and not subject to, any other authority relating to transfers of land.".

(3) SHORT TITLE.—The first section of such Act (43 U.S.C. 155) is amended—

(A) by striking "That, notwithstanding" and inserting "SECTION 1. (a) WITHDRAWAL, RESERVATION, OR RESTRICTION OF PUBLIC LANDS FOR DEFENSE PURPOSES.—Notwithstanding"; and

(B) by adding at the end the following new subsection:

"(b) SHORT TITLE.—This Act may be cited as the 'Engle Act'.".

(4) PROMOTING MORE EFFICIENT SURVEYING OF LANDS.—In fixing the original corner position in an official survey of unsurveyed land, when applicable and feasible, Cadastral Survey may, instead of using physical monuments, use geographic coordinates correlated to the National Spatial Reference System geodetic datum, in accordance with the Manual of Surveying Instructions.

(i) EFFECT ON NEW LAND WITHDRAWALS AND RESERVATIONS.—Nothing in this section or the amendments made by this section shall be construed as changing the requirements imposed on the Department of Defense to obtain a new or expanded land withdrawal and reservation.

SEC. 2832. DESIGNATION OF POTENTIAL WILDERNESS AREA.

(a) IN GENERAL.—Certain land administered by the National Park Service, comprising approximately 1 acre as generally depicted on the map entitled "Proposed Potential Wilderness, Mormon Peak Microwave Facility, Death Valley National Park", numbered 143–142, 834, and dated March 1, 2018, is designated as a potential wilderness area.

(b) USES.—The Secretary of the Interior may permit on the land described in subsection (a) only the uses that were permitted on such land on the date of enactment of the California Desert Protection Act of 1994 (Public Law 103-433).

(c) REESTABLISHMENT OF WILDERNESS DESIGNATION.—

(1) NOTICE.—The Secretary of the Interior shall publish a notice in the Federal Register when the Secretary determines that—

(A) the communications site within the potential wilderness area designated under subsection (a) is no longer used;

(B) the associated right-of-way is relinquished or not renewed; and

(C) the conditions in the potential wilderness area designated by subsection (a) are com-

patible with the Wilderness Act (16 U.S.C. 1131 et seq.).

(2) DESIGNATION.—Upon publication by the Secretary of the notice described in paragraph (1), the land described in subsection (a) is—

(A) designated as wilderness and as a component of the National Wilderness Preservation System; and

(B) incorporated into the Death Valley National Park Wilderness designated by section 601of Public Law 103–433.

Subtitle E—Other Matters

SEC. 2841. DEFENSE COMMUNITY INFRASTRUCTURE PROGRAM.

(a) AUTHORIZATION OF PROGRAM.—Section 2391 of title 10, United States Code, is amended—

(1) by redesignating subsections (d) and (e) as subsections (e) and (f); and

(2) by inserting after subsection (c) the following new subsection:

"(d) DEFENSE COMMUNITY INFRASTRUCTURE PROGRAM.—(1) The Secretary of Defense may make grants, conclude cooperative agreements, and supplement funds available under Federal programs administered by agencies other than the Department of Defense to assist States and

units of local government in addressing deficiencies in community infrastructure projects or facilities which are located outside of military installations but which support military installations, and which are owned by the State or unit of local government, if the Secretary determines that such assistance will enhance the military value, resiliency, or military family quality of life at such military installation.

''(2) The Secretary shall establish criteria for the eligibility and selection of States and units of local government to receive assistance under this subsection. Such criteria shall include a requirement that the State or unit of local government agrees to contribute not less than 20 percent of the funding required to address the deficiencies in the community infrastructure project or facility involved, except that the Secretary may waive such requirement in the case of a community infrastructure project or facility which is located in a rural area.

''(3) Prior to providing any assistance to a State or unit of local government with respect to a community infrastructure project or facility under this subsection, the Secretary shall provide a notification to the appropriate committees of Congress of the intent to provide the assistance, and shall include in the notification a comprehensive description of how the assistance will address deficiencies in

the project or facility, a certification of military need, and (if applicable) a certification that the State or unit of local government has agreed to contribute funding for the infrastructure as required under paragraph (2). The Secretary may then obligate funds for such assistance only after the end of the 14-day period beginning on the date on which the notification is received by the committees in an electronic medium pursuant to section 480 of this title.''.

(b) DEFINITION.—Section 2391(e) of such title, as redesignated by subsection (a), is amended by adding at the end the following new paragraph:

''(4) The term 'community infrastructure project or facility' means any of the following:

''(A) A transportation project.

''(B) A school, hospital, police, fire, emergency response, or other community support facility.

''(C) A water, waste-water, telecommunications, electric, gas, or other utility infrastructure project.''.

SEC. 2842. RESTRICTIONS ON USE OF FUNDS FOR DEVELOPMENT OF PUBLIC INFRASTRUCTURE IN COMMONWEALTH OF NORTHERN MARIANA ISLANDS.

(a) RESTRICTION.—If the Secretary of Defense determines that any grant, cooperative agreement, transfer of funds to another Federal agency, or supplement of funds available under Federal programs administered by agencies other than the Department of Defense will result in the development (including repair, replacement, renovation, conversion, improvement, expansion, acquisition, or construction) of public infrastructure in the Commonwealth of the Northern Mariana Islands (hereafter in this section referred to as the "Commonwealth"), the Secretary of Defense may not carry out such grant, transfer, cooperative agreement, or supplemental funding unless such grant, transfer, cooperative agreement, or supplemental funding—

(1) is specifically authorized by law; and

(2) will be used to carry out a public infrastructure project included in the report submitted under subsection (b).

(b) REPORT OF ECONOMIC ADJUSTMENT COMMITTEE.—

(1) CONVENING OF COMMITTEE.—Not later than 90 days after the date of the enactment of this Act, the Secretary of Defense, as the chair of the Economic

Adjustment Committee established in Executive Order No. 127887 (10 U.S.C. 2391 note), shall convene the Economic Adjustment Committee to consider assistance, including assistance to support public infrastructure projects, necessary to support changes in Department of Defense activities in the Commonwealth.

(2) REPORT.—Not later than 180 days after convening the Economic Adjustment Committee under paragraph (1), the Secretary shall submit to the congressional defense committees a report—

(A) describing the results of the Economic Adjustment Committee deliberations required by paragraph (1); and

(B) containing a description of any assistance the Committee determines to be necessary to support changes in Department of Defense activities in the Commonwealth, including any public infrastructure projects the Committee determines should be carried out with such assistance.

(c) PUBLIC INFRASTRUCTURE DEFINED.—In this section, the term "public infrastructure" means any utility, method of transportation, item of equipment, or facility under the control of a public entity or State or local govern-

ment that is used by, or constructed for the benefit of, the general public.

SEC. 2843. STUDY AND REPORT ON COLEMAN BRIDGE, YORK RIVER, VIRGINIA.

(a) FINDINGS.—Congress finds the following:

(1) Navy vessels must have access to Naval Weapons Station, Yorktown, Virginia, in order to load munitions for war time needs.

(2) To access the Station, vessels must pass the George P. Coleman Bridge on the York River, which swings open to allow passage.

(3) Many Federal employees at the Station and at other critical military installations in the Tidewater region of Virginia live on the north side of the York River and commute to work using the Bridge.

(4) The assured operation of the George P. Coleman Memorial Bridge is therefore critical to the operation of Naval Weapons Station, Yorktown and national security generally.

(b) STUDY AND REPORT ON INCLUSION OF BRIDGE IN STRATEGIC HIGHWAY NETWORK.—

(1) STUDY.—The Commander of the United States Transportation Command shall conduct a study of the feasibility and desirability of including the George P. Coleman Memorial Bridge on the York

River, Virginia, and United States Route 17 in the Strategic Highway Network.

(2) REPORT.—Not later than 180 days after the date of the enactment of this Act, the Commander shall submit to the congressional defense committees a report on the results of the study conducted under paragraph (1).

SEC. 2844. CERTIFICATIONS REQUIRED PRIOR TO TRANSFER OF CERTAIN VETERANS MEMORIAL OBJECT.

(a) CERTIFICATIONS.—Subsection (c) of section 2864 of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115–91; 131 Stat. 1869) is amended—

(1) in the heading, by striking "TRANSFER" and all that follows and inserting "TRANSFER OF CERTAIN VETERANS MEMORIAL OBJECT";

(2) in the matter preceding paragraph (1), by striking "certifies to Congress" and inserting "provides a certification to Congress"

(3) by redesignating paragraph (2) as paragraph (3); and

(4) by inserting after paragraph (1) the following new paragraph:

"(2) CERTIFICATION REQUIREMENTS.—The certification required under paragraph (1) shall include

a report with a classified annex describing the effects of the transfer of the object under this subsection on the national security interests of the United States (as required under subparagraph (A) of paragraph (1)) and the efforts undertaken to consult with veterans organizations and government officials in the State of Wyoming in order to preserve the history of the veterans associated with the object (as required by subparagraph (B) of paragraph (1)).".

(b) EFFECTIVE DATE.—The amendment made by subsection (a) shall take effect as if included in the enactment of the National Defense Authorization Act for Fiscal Year 2018.

TITLE XXIX—OVERSEAS CONTINGENCY OPERATIONS MILITARY CONSTRUCTION

SEC. 2901. AUTHORIZED ARMY CONSTRUCTION AND LAND ACQUISITION PROJECTS.

The Secretary of the Army may acquire real property and carry out the military construction projects for the installations outside the United States, and in the amounts, set forth in the following table:

Army: Outside the United States

Country	*Location*	*Amount*
Bulgaria	*Nevo Selo Fos*	*$5,200,000*
Poland	*Drawsko Pomorski Training Area*	*$17,000,000*
	Powidz Air Base	*$87,000,000*
	Zagan Training Area	*$40,400,000*
Romania	*Mihail Kogalniceanu*	*$21,651,000*

SEC. 2902. AUTHORIZED NAVY CONSTRUCTION AND LAND ACQUISITION PROJECTS.

The Secretary of the Navy may acquire real property and carry out the military construction projects for the installations outside the United States, and in the amounts, set forth in the following table:

Navy: Outside the United States

Country	Location	Amount
Greece	Naval Support Activity Souda Bay	$47,850,000
Italy	Naval Air Station Sigonella	$66,050,000
Spain	Naval Station Rota	$21,590,000
United Kingdom	Lossiemouth	$79,130,000

SEC. 2903. AUTHORIZED AIR FORCE CONSTRUCTION AND LAND ACQUISITION PROJECTS.

The Secretary of the Air Force may acquire real property and carry out the military construction projects for the installations outside the United States, and in the amounts, set forth in the following table:

Air Force: Outside the United States

Country	Location	Amount
Germany	Ramstein Air Base	$119,000,000
Norway	Rygge	$13,800,000
Qatar	Al Udeid	$70,400,000
Slovakia	Malacky	$59,000,000
United Kingdom	RAF Fairford	$106,000,000

SEC. 2904. AUTHORIZED DEFENSE AGENCIES CONSTRUCTION AND LAND ACQUISITION PROJECTS.

The Secretary of Defense may acquire real property and carry out the military construction projects for the installations outside the United States, and in the amounts, set forth in the following table:

Defense Agencies: Outside the United States

Country	*Location*	*Amount*
Estonia	*Unspecified Estonia*	*$15,700,000*
Qatar	*Al Udeid*	*$60,000,000*

SEC. 2905. AUTHORIZATION OF APPROPRIATIONS.

Funds are hereby authorized to be appropriated for fiscal years beginning after September 30, 2018, for the military construction projects outside the United States authorized by this title as specified in the funding table in section 4602.

SEC. 2906. RESTRICTIONS ON USE OF FUNDS FOR PLANNING AND DESIGN COSTS OF EUROPEAN DETERRENCE INITIATIVE PROJECTS.

None of the funds authorized to be appropriated for military construction projects outside the United States authorized by this title may be obligated or expended for planning and design costs of any project associated with the European Deterrence Initiative until the Secretary of Defense submits to the congressional defense committees a list of all of the military construction projects associated with the European Deterrence Initiative which the Secretary anticipates will be carried out during each of the fiscal years 2019 through 2023.

DIVISION C—DEPARTMENT OF ENERGY NATIONAL SECURITY AUTHORIZATIONS AND OTHER AUTHORIZATIONS

TITLE XXXI—DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS

Subtitle A—National Security Programs and Authorizations

SEC. 3101. NATIONAL NUCLEAR SECURITY ADMINISTRATION.

(a) AUTHORIZATION OF APPROPRIATIONS.—Funds are hereby authorized to be appropriated to the Department of Energy for fiscal year 2019 for the activities of the National Nuclear Security Administration in carrying out programs as specified in the funding table in division D.

(b) AUTHORIZATION OF NEW PLANT PROJECTS.—From funds referred to in subsection (a) that are available for carrying out plant projects, the Secretary of Energy may carry out new plant projects for the National Nuclear Security Administration as follows:

Project 19–D–660, Lithium Production Capability, Y–12 National Security Complex, Oak Ridge, Tennessee, $19,000,000.

Project 19–D–670, 138k Power Transmission System Replacement, Nevada National Security Site, Mercury, Nevada, $6,000,000.

Project 19–D–930, KS Overhead Piping, Kesselring Site, West Milton, New York, $10,994,000.

SEC. 3102. DEFENSE ENVIRONMENTAL CLEANUP.

Funds are hereby authorized to be appropriated to the Department of Energy for fiscal year 2019 for defense environmental cleanup activities in carrying out programs as specified in the funding table in division D.

SEC. 3103. OTHER DEFENSE ACTIVITIES.

Funds are hereby authorized to be appropriated to the Department of Energy for fiscal year 2019 for other defense activities in carrying out programs as specified in the funding table in division D.

SEC. 3104. NUCLEAR ENERGY.

Funds are hereby authorized to be appropriated to the Department of Energy for fiscal year 2019 for nuclear energy as specified in the funding table in division D.

Subtitle B—Program Authorizations, Restrictions, and Limitations

SEC. 3111. SECURITY CLEARANCE FOR DUAL NATIONALS EMPLOYED BY NATIONAL NUCLEAR SECURITY AGENCY.

(a) IN GENERAL.—The National Nuclear Security Administration Act (50 U.S.C. 2401 et seq.) is amended by inserting after section 3236 the following new section:

"SEC. 3237. SECURITY CLEARANCE FOR DUAL NATIONALS.

"(a) IN GENERAL.—(1) In the case of an individual described in paragraph (3), the Secretary of Energy shall develop a process to review foreign preference in accordance with the adjudicative guidelines issued pursuant to section 710.7 of title 10, Code of Federal Regulations, or such successor regulation, before approving a security clearance for such individual.

"(2) The Secretary shall designate an official of the Administration to be responsible for adjudicating any derogatory information of an individual described in paragraph (3) concerning foreign preference that is discovered after the security clearance of the individual is approved.

"(3) An individual described in this paragraph is an individual who is—

"(A) a national of the United States (as such term is defined in section 101 of the Immigration and Nationality Act (8 U.S.C. 1101)) and also a national of a foreign state; and

"(B) an employee or contractor of the Administration who requires access to classified information.

"(b) WAIVER.—In the case of an individual who is a national of the United States and also a national of a foreign state identified under section 1564b(b)(2) of title 10, United States Code, the Secretary may waive the requirement under subsection (a).".

(b) CLERICAL AMENDMENT.—The table of contents at the beginning of such Act is amended by inserting after the item relating to section 3236 the following new item:

"Sec. 3237. Security clearance for dual nationals.".

(c) BRIEFING.—

(1) IN GENERAL.—Not later than 180 days after the date of the enactment of this Act, the Secretary of Energy shall provide to the Committees on Armed Services of the House of Representatives and the Senate, and to any other appropriate congressional committee upon request, a briefing on—

(A) the process developed under paragraph (1) of section 3237(a) of the National Nuclear Security Administration Act, as added by subsection (a); and

(B) the official designated under paragraph (2) of such section 3237(a).

(2) APPROPRIATE CONGRESSIONAL COMMITTEES DEFINED.—In this subsection, the term "appropriate congressional committees" means the following:

(A) The Committees on Armed Services of the House of Representatives and the Senate.

(B) The Committee on Energy and Commerce and the Permanent Select Committee on Intelligence of the House of Representatives.

(C) The Committee on Energy and Natural Resources and the Select Committee on Intelligence of the Senate.

SEC. 3112. DEPARTMENT OF ENERGY COUNTERINTELLIGENCE POLYGRAPH PROGRAM.

Section 4504(b) of the Atomic Energy Defense Act (50 U.S.C. 2654(b)) is amended by adding at the end the following new paragraph:

"(4) The regulations prescribed under paragraph (1) shall ensure that the persons subject to the counterintelligence polygraph program required by subsection (a) include any person who is—

"(A) a national of the United States (as such term is defined in section 101 of the Immigration and

Nationality Act (8 U.S.C. 1101)) and also a national of a foreign state; and

"(B) an employee or contractor who requires access to classified information.".

SEC. 3113. EXTENSION OF ENHANCED PROCUREMENT AUTHORITY TO MANAGE SUPPLY CHAIN RISK.

(a) EXTENSION.—Subsection (g) of section 4806 of the Atomic Energy Defense Act (50 U.S.C. 2786) is amended to read as follows:

"(g) TERMINATION.—The authority under this section shall terminate on June 30, 2023.".

(b) TECHNICAL AMENDMENT.—Subsection (f)(5)(A) of such section is amended by striking "section 3542(b) of title 44" and inserting "section 3552(b) of title 44".

SEC. 3114. LOW-YIELD NUCLEAR WEAPONS.

(a) REPEAL OF PROHIBITION.—Section 3116 of the National Defense Authorization Act for Fiscal Year 2004 (Public Law 108–136; 50 U.S.C. 2529 note) is amended by striking subsection (c).

(b) AUTHORIZATION.—The Secretary of Energy, acting through the Administrator for Nuclear Security, may carry out the engineering development phase, and any subsequent phase, to modify or develop a low-yield nuclear warhead for submarine-launched ballistic missiles.

SEC. 3115. USE OF FUNDS FOR CONSTRUCTION AND PROJECT SUPPORT ACTIVITIES RELATING TO MOX FACILITY.

(a) IN GENERAL.—Except as provided by subsection (b), the Secretary of Energy shall carry out construction and project support activities relating to the MOX facility using funds authorized to be appropriated by this Act or otherwise made available for fiscal year 2019 for the National Nuclear Security Administration for the MOX facility.

(b) WAIVER.—The Secretary may waive the requirement under subsection (a) if the Secretary submits to the congressional defense committees the matters specified in section 3121(b)(1) of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115–91; 131 Stat. 1892).

(c) DEFINITIONS.—In this section:

(1) The term "MOX facility" means the mixed-oxide fuel fabrication facility at the Savannah River Site, Aiken, South Carolina.

(2) The term "project support activities" means activities that support the design, long-lead equipment procurement, and site preparation of the MOX facility.

SEC. 3116. PROHIBITION ON AVAILABILITY OF FUNDS FOR PROGRAMS IN RUSSIAN FEDERATION.

(a) PROHIBITION.—None of the funds authorized to be appropriated by this Act or otherwise made available for fiscal year 2019 for atomic energy defense activities may be obligated or expended to enter into a contract with, or otherwise provide assistance to, the Russian Federation.

(b) WAIVER.—The Secretary of Energy, without delegation, may waive the prohibition in subsection (a) only if—

(1) the Secretary determines, in writing, that a nuclear-related threat in the Russian Federation must be addressed urgently and it is necessary to waive the prohibition to address that threat;

(2) the Secretary of State and the Secretary of Defense concur in the determination under paragraph (1);

(3) the Secretary of Energy submits to the appropriate congressional committees a report containing—

(A) a notification that the waiver is in the national security interest of the United States;

(B) justification for the waiver, including the determination under paragraph (1); and

(C) a description of the activities to be carried out pursuant to the waiver, including the

expected cost and timeframe for such activities; and

(4) a period of seven days elapses following the date on which the Secretary submits the report under paragraph (3).

(c) EXCEPTION.—The prohibition under subsection (a) and the requirements under subsection (b) to waive that prohibition shall not apply to an amount, not to exceed $3,000,000, that the Secretary may make available for the Department of Energy Russian Health Studies Program.

(d) APPROPRIATE CONGRESSIONAL COMMITTEES DEFINED.—In this section, the term "appropriate congressional committees" means the following:

(1) The congressional defense committees.

(2) The Committee on Foreign Relations of the Senate and the Committee on Foreign Affairs of the House of Representatives.

SEC. 3117. PROHIBITION ON AVAILABILITY OF FUNDS FOR RESEARCH AND DEVELOPMENT OF ADVANCED NAVAL NUCLEAR FUEL SYSTEM BASED ON LOW-ENRICHED URANIUM.

(a) PROHIBITION.—Except as provided by subsection (b), none of the funds authorized to be appropriated by this Act or otherwise made available for fiscal year 2019 for the Department of Energy or the Department of Defense may

be obligated or expended to plan or carry out research and development of an advanced naval nuclear fuel system based on low-enriched uranium.

(b) EXCEPTION.—In accordance with section 7319 of title 10, United States Code, of the funds authorized to be appropriated by this Act or otherwise made available for fiscal year 2019 for defense nuclear nonproliferation, as specified in the funding table in division D, $10,000,000 shall be made available to the Deputy Administrator for Naval Reactors of the National Nuclear Security Administration for low-enriched uranium activities (including downblending of high-enriched uranium fuel into low-enriched uranium fuel, research and development using low-enriched uranium fuel, or the modification or procurement of equipment and infrastructure related to such activities) to develop an advanced naval nuclear fuel system based on low-enriched uranium.

SEC. 3118. LIMITATION ON AVAILABILITY OF FUNDS RELATING TO SUBMISSION OF ANNUAL REPORTS ON UNFUNDED PRIORITIES.

Section 4716 of the Atomic Energy Defense Act (50 U.S.C. 2756) is amended—

(1) by redesignating subsection (c) as subsection (d); and

(2) by inserting after subsection (b) the following new subsection (c):

"(c) LIMITATION.—If the Administrator fails to submit to the congressional defense committees a report required by subsection (a) for any of fiscal years 2020 through 2024 that contains at least one unfunded priority by the deadline specified in such subsection, none of the funds authorized to be appropriated or otherwise made available for the fiscal year in which such failure occurs for travel and transportation of persons under the Federal salaries and expenses account of the Administration may be obligated or expended until the date on which the Administrator submits such report.".

Subtitle C—Reports

SEC. 3121. NOTIFICATION REGARDING RELEASE OF CONTAMINATION AT HANFORD SITE.

(a) IN GENERAL.—Subtitle C of title XLIV of the Atomic Energy Defense Act (50 U.S.C. 2621 et seq.) is amended by adding at the end the following new section:

"SEC. 4447. NOTIFICATION REGARDING RELEASE OF CONTAMINATION.

"If the Assistant Secretary of Energy for Environmental Management detects an improper release of contamination resulting from defense waste at the Hanford Nu-

clear Reservation, Richland, Washington, the Assistant Secretary shall—

"(1) not later than two days after the date of such detection, notify the congressional defense committees of such release of contamination; and

"(2) not later than seven days after the date of such detection, provide the congressional defense committees a briefing on the status of such release of contamination, including—

"(A) the cause of the release, if known; and

"(B) plans to address and remediate the release, including associated costs and timelines.".

(b) CLERICAL AMENDMENT.—The table of contents at the beginning of such Act is amended by inserting after the item relating to section 4446 the following new item:

"Sec. 4447. Notification regarding release of contamination.".

Subtitle D—Other Matters

SEC. 3131. INCLUSION OF CAPITAL ASSETS ACQUISITION PROJECTS IN ACTIVITIES BY DIRECTOR FOR COST ESTIMATING AND PROGRAM EVALUATION.

Section 3221(h)(2) of the National Nuclear Security Administration Act (50 U.S.C. 2411(h)(2)) is amended—

(1) by striking "PROGRAM.—" and all that follows through ", the term" and inserting "PROGRAM.—The term";

(2) by striking subparagraph (B); and

(3) by redesignating clauses (i) and (ii) as subparagraphs (A) and (B), respectively.

SEC. 3132. WHISTLEBLOWER PROTECTIONS.

(a) FINDINGS.—Congress finds the following:

(1) The Department of Energy and its contractors rely to a significant extent on workers to bring attention to important nuclear safety concerns.

(2) The Department of Energy, including the National Nuclear Security Administration, have a strong interest in preventing whistleblower retaliation and in ensuring the work environment is conducive to employees raising concerns.

(3) Retaliation against whistleblowers can lead to a chilled work environment in which employees do not feel free to raise important safety concerns.

(4) The Comptroller General of the United States found in a 2016 report titled "Whistleblower Protections Need Strengthening" that the Department of Energy had infrequently used its enforcement authority to hold contractors accountable for unlawful retaliation, issuing only two violation notices in the past 20 years.

(5) The Comptroller General also found that the Department had taken limited or no action to hold

contractors accountable for creating a chilled work environment.

(b) SENSE OF CONGRESS.—It is the sense of Congress that—

(1) raising nuclear safety concerns is important for avoiding potentially catastrophic incidents or harm to workers and the public;

(2) the Department of Energy should protect whistleblowers and take action against contractors and subcontractors that retaliate against whistleblowers; and

(3) such action sends a strong signal to prevent or limit retaliation against whistleblowers.

(c) CIVIL PENALTIES.—The Secretary of Energy, including by acting through the Administrator for Nuclear Security as appropriate, shall impose civil penalties under section 234 a. of the Atomic Energy Act of 1954 (42 U.S.C. 2282(a)), as the Secretary or the Administrator determines appropriate, on contractors, subcontractors, and suppliers for violations of the rules, regulations, or orders of the Department of Energy relating to nuclear safety and radiation protection.

(d) CHILLED WORK ENVIRONMENT.—Not later than 120 days after the date of the enactment of this Act, the Secretary shall clearly define what constitutes evidence of

a chilled work environment with respect to employees and contractors of the Department making a whistleblower complaint under section 4602 of the Atomic Energy Defense Act (50 U.S.C. 2702), or any other law that may provide protection for disclosures of information by such employees or contractors, without fear of being discharged, demoted, or otherwise discriminated against as a reprisal.

(e) NOTIFICATION.—

(1) IN GENERAL.—Not later than February 1, 2019, and each year thereafter through 2021, the Secretary of Energy shall submit to the appropriate congressional committees an annual notification on whether any penalties were imposed pursuant to subsection (c), including a description of such penalties and the entities against which the penalties were imposed.

(2) APPROPRIATE CONGRESSIONAL COMMITTEES.—In this subsection, the term "appropriate congressional committees" means—

(A) the congressional defense committees; and

(B) the Committee on Energy and Commerce of the House of Representatives and the Committee on Energy and Natural Resources of the Senate.

TITLE XXXII—DEFENSE NUCLEAR FACILITIES SAFETY BOARD

SEC. 3201. AUTHORIZATION.

There are authorized to be appropriated for fiscal year 2019, $31,243,000 for the operation of the Defense Nuclear Facilities Safety Board under chapter 21 of the Atomic Energy Act of 1954 (42 U.S.C. 2286 et seq.).

TITLE XXXIV—NAVAL PETROLEUM RESERVES

SEC. 3401. AUTHORIZATION OF APPROPRIATIONS.

(a) AMOUNT.—There are hereby authorized to be appropriated to the Secretary of Energy $10,000,000 for fiscal year 2019 for the purpose of carrying out activities under chapter 641 of title 10, United States Code, relating to the naval petroleum reserves.

(b) PERIOD OF AVAILABILITY.—Funds appropriated pursuant to the authorization of appropriations in subsection (a) shall remain available until expended.

TITLE XXXV—MARITIME MATTERS

Subtitle A—Maritime Administration

SEC. 3501. AUTHORIZATION OF THE MARITIME ADMINISTRATION.

There are authorized to be appropriated to the Department of Transportation for fiscal year 2018, to be available without fiscal year limitation if so provided in appropriations Acts, for programs associated with maintaining the United States merchant marine, the following amounts:

(1) For expenses necessary for operations of the United States Merchant Marine Academy, $74,593,000, of which—

(A) $70,593,000 shall be for Academy operations; and

(B) $4,000,000 shall remain available until expended for capital asset management at the Academy.

(2) For expenses necessary to support the State maritime academies, $24,400,000, of which—

(A) $2,400,000 shall remain available until September 30, 2019, for the Student Incentive Program; and

(B) $22,000,000 shall remain available until expended for maintenance and repair of State maritime academy training vessels.

(3) For expenses necessary to support the National Security Multi-Mission Vessel Program, $350,000,000, which shall remain available until expended.

(4) For expenses necessary to support Maritime Administration operations and programs, $53,435,000.

(5) For expenses necessary to dispose of vessels in the National Defense Reserve Fleet, $30,000,000, which shall remain available until expended.

(6) For expenses necessary to maintain and preserve a United States flag merchant marine to serve the national security needs of the United States under chapter 531 of title 46, United States Code, $300,000,000.

(7) For expenses necessary for the loan guarantee program authorized under chapter 537 of title 46, United States Code, $33,000,000, of which—

(A) $30,000,000 may be used for the cost (as defined in section 502(5) of the Federal Credit Reform Act of 1990 (2 U.S.C. 661a(5))) of loan guarantees under the program; and

(B) $3,000,000 may be used for administrative expenses relating to loan guarantee commitments under the program.

(8) For expenses necessary to provide small shipyards and maritime communities grants under section 54101 of title 46, United States Code, $35,000,000.

SEC. 3502. COMPLIANCE BY READY RESERVE FLEET VESSELS WITH SOLAS LIFEBOATS AND FIRE SUPPRESSION REQUIREMENTS.

The Secretary of Defense shall, consistent with section 2244a of title 10, United States Code, use authority under section 2218 of such title to make such modifications to Ready Reserve Fleet vessels as are necessary for such vessels to comply requirements for lifeboats and fire suppression under the International Convention for the Safety of Life at Sea by not later than October 1, 2021.

SEC. 3503. MARITIME ADMINISTRATION NATIONAL SECURITY MULTI-MISSION VESSEL PROGRAM.

Section 3505 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114–328; 130 Stat. 2776) is amended by adding at the end the following:

"(h) LIMITATION ON USE OF FUNDS FOR USED VESSELS.—Amounts authorized by this or any other Act for use by the Maritime Administration to carry out this sec-

tion may not be used for the procurement of any used vessel.".

SEC. 3504. PERMANENT AUTHORITY OF SECRETARY OF TRANSPORTATION TO ISSUE VESSEL WAR RISK INSURANCE.

(a) IN GENERAL.—Section 53912 of title 46, United States Code, is repealed.

(b) CLERICAL AMENDMENT.—The table of sections at the beginning of chapter 539 of title 46, United States Code, is amended by striking the item relating to section 53912.

SEC. 3505. USE OF STATE MARITIME ACADEMY TRAINING VESSELS.

(a) IN GENERAL.—Section 51504(g) of title 46, United States Code, is amended to read as follows:

"(g) TRAINING VESSEL CAPACITY SHARING.—

"(1) IN GENERAL.—The Secretary, acting through the Maritime Administrator and in consultation with the State maritime academies, implement a program under which State maritime academies shall share among such academies training vessel capacity provided by the Secretary as necessary to ensure that training needs for the purpose of training licensed mariners of each academy are met in periods of limited vessel capacity that could affect required licensed

mariner training as determined by the Maritime Administrator.

"(2) PROGRAM REQUIREMENTS.—The program shall include—

"(A) ways to maximize the underway training capacity for licensed mariners available in the fleet of training vessels;

"(B) coordinating the dates and duration of training cruises with the academic calendars of State maritime academies, and

"(C) identifying ways to minimize costs associated with training voyages for both the Maritime Administration and the State maritime academies.

"(3) ADDITIONAL FUNDING.—Subject to the availability of appropriations, the Maritime Administrator may provide additional funding the State maritime academies during periods of limited training vessel capacity, for costs associated with training vessel sharing.

"(4) EVALUATION AND MODIFICATION.—Not later than 30 days after the beginning of each fiscal year and as the Maritime Administrator determines necessary in the State maritime academy training year,

the Secretary, acting through the Maritime Administrator, shall—

"(A) evaluate the program under this subsection to determine the optimal utilization of State maritime academy training vessels for the purpose described in paragraph (1); and

"(B) modify the program as necessary to improve such utilization.".

(b) DEADLINE.—The Secretary of Transportation shall begin implementing the program required by the amendment made by subsection (a) by not later than 180 days after the date of the enactment of this Act.

Subtitle B—Coast Guard

SEC. 3521. ALIGNMENT WITH DEPARTMENT OF DEFENSE AND SEA SERVICES AUTHORITIES.

(a) PROHIBITING SEXUAL HARASSMENT; REPORT.—

(1) NOTIFICATION.—

(A) IN GENERAL.—The Commandant of the Coast Guard shall notify the Committee on Transportation and Infrastructure and the Committee on Homeland Security of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate on August 26, 2018, if there is not in effect a general order or regulation prohibiting sexual

harassment by members of the Coast Guard and clearly stating that a violation of such order or regulation is punishable in accordance with the Uniform Code of Military Justice.

(B) CONTENTS.—The notification required under subparagraph (A) shall include—

(i) details regarding the status of the drafting of such general order or regulation;

(ii) a projected implementation timeline for such general order or regulation; and

(iii) an explanation regarding any barriers to implementation.

(2) REPORT.—Section 217 of the Coast Guard Authorization Act of 2010 (Public Law 111–281; 124 Stat. 2917) is amended—

(A) in subsection (a), by inserting "and incidents of sexual harassment" after "sexual assaults"; and

(B) in subsection (b)—

(i) in paragraph (1), by inserting "and incidents of sexual harassment" after "sexual assault" each place it appears;2

(ii) in paragraph (3), by inserting "and sexual harassment" after "sexual assault"; and

(iii) in paragraph (4), by inserting "and sexual harassment" after "sexual assault".

(b) ANNUAL PERFORMANCE REPORT.—

(1) IN GENERAL.—Chapter 29 of title 14, United States Code, is amended by adding at the end the following:

"§ 2905. Annual performance report

"Not later than the date on which the President submits to Congress a budget pursuant to section 1105 of title 31, the Commandant of the Coast Guard shall make available on a public website and submit to the Committee on Transportation and Infrastructure of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate an update on Coast Guard mission performance during the previous fiscal year.".

(2) CLERICAL AMENDMENT.—The analysis at the beginning of such chapter is amended by adding at the end the following:

"2905. Annual performance report.".

SEC. 3522. PRELIMINARY DEVELOPMENT AND DEMONSTRATION.

Section 573 of title 14, United States Code, is amended—

(1) in subsection (b)(3), by—

(A) striking "require that safety concerns identified" and inserting "ensure that independent third parties and Government employees that identify safety concerns"; and

(B) striking "Coast Guard shall be communicated as" and inserting "Coast Guard communicate such concerns as;"

(2) in subsection (b)(4), by striking "Any safety concerns that have been reported to the Chief Acquisition Officer for an acquisition program or project shall be reported by the Commandant" and inserting "The Commandant shall ensure that any safety concerns that have been communicated under paragraph (3) for an acquisition program or project are reported";

(3) in subsection (b)(5)—

(A) by striking the matter preceding subparagraph (A) and inserting the following:

"(5) ASSET ALREADY IN LOW, INITIAL, OR FULL-RATE PRODUCTION.—The Commandant shall ensure that if an independent third party or a Government

employee identifies a safety concern with a capability or asset or any subsystems of a capability or asset not previously identified during operational test and evaluation of a capability or asset already in low, initial, or full-rate production—";

(B) in subparagraph (A), by inserting "the Commandant, through the Assistant Commandant for Capability, shall" before "notify"; and

(C) in subparagraph (B), by striking "notify the Chief Acquisition Officer and include in such notification" and inserting "the Deputy Commandant for Mission Support shall notify the Commandant and the Deputy Commandant for Operations of the safety concern within 50 days after the notification required under subparagraph (A), and include in such notification"; and

(4) in subsection (c)—

(A) in paragraph (2)(A), by striking "and that are delivered after the date of enactment of the Coast Guard Authorization Act of 2010"; and

(B) in paragraph (5), by striking "and delivered after the date of enactment of the Coast Guard Authorization Act of 2010".

SEC. 3523. CONTRACT TERMINATION.

(a) IN GENERAL.—Chapter 17 of title 14, United States Code, is amended by inserting after section 656 the following:

"§ 657. Contract termination

"(a) IN GENERAL.—

"(1) NOTIFICATION.—Before terminating a procurement or acquisition contract with a total value of more than $1,000,000, the Commandant of the Coast Guard shall notify each vendor under such contract and require the vendor to maintain all work product related to the contract until the earlier of—

"(A) not less than 1 year after the date of the notification; or

"(B) the date the Commandant notifies the vendor that maintenance of such work product is no longer required.

"(b) WORK PRODUCT DEFINED.—In this section the term 'work product'—

"(1) means tangible and intangible items and information produced or possessed as a result of a contract referred to in subsection (a); and

"(2) includes—

"(A) any completed end items;

"(B) any uncompleted end items; and

"(C) any property in the contractor's possession in which the United States Government has an interest.

"(c) PENALTY.—A vendor that fails to maintain work product as required under subsection (a) is liable to the United States for a civil penalty of not more than $25,000 for each day on which such work product is unavailable.

"(d) REPORT.—Not later than 45 days after the end of each fiscal year, the Commandant of the Coast Guard shall provide to the Committee on Transportation and Infrastructure of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate a report detailing—

"(1) all Coast Guard contracts with a total value of more than $1,000,000 that were terminated in the fiscal year;

"(2) all vendors who were notified under subsection (a)(1) in the fiscal year, and the date of such notification;

"(3) all criminal, administrative, and other investigations regarding any contract with a total value

of more than $1,000,000 that were initiated by the Coast Guard in the fiscal year;

"(4) all criminal, administrative, and other investigations regarding contracts with a total value of more than $1,000,000 that were completed by the Coast Guard in the fiscal year; and

"(5) an estimate of costs incurred by the Coast Guard, including contract line items and termination costs, as a result of the requirements of this section.".

(b) CLERICAL AMENDMENT.—The analysis at the beginning of such chapter is amended by inserting after the item relating to section 656 the following:

"657. Contract termination.".

SEC. 3524. REIMBURSEMENT FOR TRAVEL EXPENSES.

The text of section 518 of title 14, United States Code is amended to read as follows:

"In any case in which a covered beneficiary (as defined in section 1072(5) of title 10) resides on an island that is located in the 48 contiguous States and the District of Columbia and that lacks public access roads to the mainland, the Secretary shall reimburse the reasonable travel expenses of the covered beneficiary and, when accompaniment by an adult is necessary, for a parent or guardian of the covered beneficiary or another member of the covered beneficiary's family who is at least 21 years of age, if—

"(1) the covered beneficiary is referred by a primary care physician to a specialty care provider (as defined in section 1074i(b) of title 10) on the mainland who provides services less than 100 miles from the location where the beneficiary resides; or

"(2) the Coast Guard medical regional manager for the area in which such island is located determines that the covered beneficiary requires services of a primary care, specialty care, or dental provider and such a provider who is part of the network of providers of a TRICARE program (as that term is defined in section 1072(7) of title 10) does not practice on such island.".

SEC. 3525. CAPITAL INVESTMENT PLAN.

Section 2902(a) of title 14, United States Code, is amended—

(1) by striking "On the date" and inserting "Not later than 60 days after the date";

(2) in paragraph (1)(D), by striking "and"; and

(3) by inserting after paragraph (1)(E) the following:

"(F) projected commissioning and decommissioning dates for each asset; and".

SEC. 3526. MAJOR ACQUISITION PROGRAM RISK ASSESSMENT.

(a) IN GENERAL.—Chapter 29 of title 14, United States Code, as amended by section 3521(b)(1) of this Act, is further amended by adding at the end the following:

"§ 2906. Major acquisition program risk assessment

"(a) IN GENERAL.—Not later than April 15 and October 15 of each year, the Commandant of the Coast Guard shall provide to the Committee on Transportation and Infrastructure of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate a briefing regarding a current assessment of the risks associated with all current major acquisition programs, as that term is defined in section 2903(f).

"(b) ELEMENTS.—Each assessment under this subsection shall include, for each current major acquisition program, discussion of the following:

"(1) The top five current risks to such program.

"(2) Any failure of such program to demonstrate a key performance parameter or threshold during operational test and evaluation conducted during the 2 fiscal-year quarters preceding such assessment.

"(3) Whether there has been any decision in such 2 fiscal-year quarters to order full-rate production before all key performance parameters or thresholds are met.

"(4) Whether there has been any breach of major acquisition program cost (as defined by the Major Systems Acquisition Manual) in such 2 fiscal-year quarters.

"(5) Whether there has been any breach of major acquisition program schedule (as so defined) during such 2 fiscal-year quarters.".

(b) CLERICAL AMENDMENT.—The analysis at the beginning of such chapter is further amended by adding at the end the following:

"2906. Major acquisition program risk assessment.".

(c) CONFORMING AMENDMENTS.—Section 2903 of title 14, United States Code, is amended—

(1) by striking subsection (f); and

(2) by redesignating subsection (g) as subsection (f).

SEC. 3527. MARINE SAFETY IMPLEMENTATION STATUS.

On the date on which the President submits to Congress a budget for fiscal year 2020 under section 1105 of title 31, and on such date for each of the 2 subsequent years, the Commandant of the Coast Guard shall submit to the Committee on Transportation and Infrastructure of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate a report on the status of implementation of each action outlined in the

Commandant's final action memo dated December 19, 2017.

SEC. 3528. RETIREMENT OF VICE COMMANDANT.

(a) IN GENERAL.—Section 46 of title 14, United States Code, is amended—

*(1) in the section heading, by inserting "**or Vice Commandant**" after "**Commandant**";*

(2) by redesignating subsection (a) as subsection (a)(1);

(3) by adding at the end of subsection (a) the following:

"(2) A Vice Commandant who is not reappointed or appointed Commandant shall be retired with the grade of admiral at the expiration of the appointed term, except as provided in section 51(d).";

(4) in subsections (b) and (c), by inserting "or Vice Commandant" after "Commandant" each place it appears; and

(5) in subsection (c), by striking "his" and inserting "the officer's".

(b) CONFORMING AMENDMENT.—Section 51 of title 14, United States Code, is amended by striking "other than the Commandant," each place it appears and inserting "other than the Commandant or Vice Commandant,".

(c) CLERICAL AMENDMENT.—The analysis at the beginning of chapter 3 of title 14, United States Code, is amended by striking the item relating to section 46 and inserting the following:

"46. Retirement of Commandant or Vice Commandant.".

SEC. 3529. LARGE COMMERCIAL YACHT CODE.

The Secretary of the department in which the Coast Guard is operating, acting through the Commandant of the Coast Guard, shall develop a Large Commercial Yacht code for recreational vessels over 300 gross tons as measured under section 14502 of title 46, United States Code, or an alternate tonnage measured under section 14302 of such title (as prescribed by the Secretary under section 14104 of such title), that is comparable to the Code of Safe Practice for Large Commercial Yachts (commonly referred to as the "Large Commercial Yacht Code"), as published by the Maritime and Coast Guard of the United Kingdom. The Secretary shall complete such code by no later than one year after the date of the enactment of this Act.

Subtitle C—Coast Guard and Shipping Technical Corrections

CHAPTER 1—COAST GUARD

SEC. 3531. COMMANDANT DEFINED.

(a) IN GENERAL.—Chapter 1 of title 14, United States Code, is amended by adding at the end the following:

"§ 5. Commandant defined

"In this title, the term 'Commandant' means the Commandant of the Coast Guard.".

(b) CLERICAL AMENDMENT.—The analysis for chapter 1 of title 14, United States Code, is amended by adding at the end the following:

"5. Commandant defined.".

(c) CONFORMING AMENDMENTS.—Title 14, United States Code, is amended—

(1) in section 58(a) by striking "Commandant of the Coast Guard" and inserting "Commandant";

(2) in section 101 by striking "Commandant of the Coast Guard" and inserting "Commandant";

(3) in section 693 by striking "Commandant of the Coast Guard" and inserting "Commandant";

(4) in section 672a(a) by striking "Commandant of the Coast Guard" and inserting "Commandant";

(5) in section 678(a) by striking "Commandant of the Coast Guard" and inserting "Commandant";

(6) in section 561(a) by striking "Commandant of the Coast Guard" and inserting "Commandant";

(7) in section 577(a) by striking "Commandant of the Coast Guard" and inserting "Commandant";

(8) in section 581—

(A) by striking paragraph (4); and

(B) by redesignating paragraphs (5) through (12) as paragraphs (4) through (11), respectively;

(9) in section 200(a) by striking "Commandant of the Coast Guard" and inserting "Commandant";

(10) in section 196(b)(1) by striking "Commandant of the Coast Guard" and inserting "Commandant";

(11) in section 199 by striking "Commandant of the Coast Guard" and inserting "Commandant";

(12) in section 429(a)(1) by striking "Commandant of the Coast Guard" and inserting "Commandant";

(13) in section 423(a)(2) by striking "Commandant of the Coast Guard" and inserting "Commandant";

(14) in section 2702(5) by striking "Commandant of the Coast Guard" and inserting "Commandant";

(15) in section 2902(a) by striking "Commandant of the Coast Guard" and inserting "Commandant"; and

(16) in section 2903(f)(1) by striking "Commandant of the Coast Guard" and inserting "Commandant".

SEC. 3532. TRAINING COURSE ON WORKINGS OF CONGRESS.

Section 60(d) of title 14, United States Code, is amended to read as follows:

"(d) COMPLETION OF REQUIRED TRAINING.—A Coast Guard flag officer who is newly appointed or assigned to a billet in the National Capital Region, and a Coast Guard Senior Executive Service employee who is newly employed in the National Capital Region, shall complete a training course that meets the requirements of this section not later than 60 days after reporting for duty.".

SEC. 3533. MISCELLANEOUS.

(a) SECRETARY; GENERAL POWERS.—Section 92 of title 14, United States Code, is amended by redesignating subsections (f) through (i) as subsections (e) through (h), respectively.

(b) COMMANDANT; GENERAL POWERS.—Section 93(a)(21) of title 14, United States Code, is amended by striking "section 30305(a)" and inserting "section 30305(b)(7)".

(c) ENLISTED MEMBERS.—

(1) DEPARTMENT OF THE ARMY AND DEPARTMENT OF THE AIR FORCE.—Section 144(b) of title 14, United States Code, is amended by striking "enlisted men" each place it appears and inserting "enlisted members".

(2) NAVY DEPARTMENT.—Section 145(b) of title 14, United States Code, is amended by striking "enlisted men" each place it appears and inserting "enlisted members".

(3) PURCHASE OF COMMISSARY AND QUARTERMASTER SUPPLIES.—Section 4 of the Act of May 22, 1926 (44 Stat. 626, chapter 371; 33 U.S.C. 754a), is amended by striking "enlisted men" and inserting "enlisted members".

(d) ARCTIC MARITIME TRANSPORTATION.—Section 90(f) of title 14, United States Code, is amended by striking the question mark.

(e) LONG-TERM LEASE AUTHORITY FOR LIGHTHOUSE PROPERTY.—Section 672a(a) of title 14, United States Code, as amended by this Act, is further amended by striking "Section 321 of chapter 314 of the Act of June 30, 1932 (40 U.S.C. 303b)" and inserting "Section 1302 of title 40".

(f) REQUIRED CONTRACT TERMS.—Section 565 of title 14, United States Code, is amended—

(1) in subsection (a) by striking "awarded or issued by the Coast Guard after the date of enactment of the Coast Guard Authorization Act of 2010"; and

(2) in subsection (b)(1) by striking "after the date of enactment of the Coast Guard Authorization Act of 2010".

(g) ACQUISITION PROGRAM BASELINE BREACH.—Section 575(c) of title 14, United States Code, is amended by striking "certification, with a supporting explanation, that" and inserting "determination, with a supporting explanation, of whether".

(h) ENLISTMENTS; TERM, GRADE.—Section 351(a) of title 14, United States Code, is amended by inserting "the duration of their" before "minority".

(i) MEMBERS OF THE AUXILIARY; STATUS.—Section 823a(b)(9) of title 14, United States Code, is amended by striking "On or after January 1, 2001, section" and inserting "Section".

(j) USE OF MEMBER'S FACILITIES.—Section 826(b) of title 14, United States Code, is amended by striking "section 154 of title 23, United States Code" and inserting "section 30102 of title 49".

(k) AVAILABILITY OF APPROPRIATIONS.—Section 830(b) of title 14, United States Code, is amended by striking "1954" and inserting "1986".

SEC. 3534. DEPARTMENT OF DEFENSE CONSULTATION.

Section 566 of title 14, United States Code, is amended—

(1) in subsection (b) by striking "enter into" and inserting "maintain"; and

(2) by striking subsection (d).

SEC. 3535. REPEAL.

Section 568 of title 14, United States Code, and the item relating to that section in the analysis for chapter 15 of that title, are repealed.

SEC. 3536. MISSION NEED STATEMENT.

Section 569 of title 14, United States Code, is—

(1) amended in subsection (a)—

(A) by striking "for fiscal year 2016" and inserting "for fiscal year 2019"; and

(B) by striking ", on the date on which the President submits to Congress a budget for fiscal year 2019 under such section,".

SEC. 3537. CONTINUATION ON ACTIVE DUTY.

Section 290(a) of title 14, United States Code, is amended by striking "Officers, other than the Commandant, serving" and inserting "Officers serving".

SEC. 3538. SYSTEM ACQUISITION AUTHORIZATION.

(a) REQUIREMENT FOR PRIOR AUTHORIZATION OF APPROPRIATIONS.—Section 2701(2) of title 14, United States Code, is amended by striking "and aircraft" and inserting "aircraft, and systems".

(b) AUTHORIZATION OF APPROPRIATIONS.—Section 2702(2) of title 14, United States Code, is amended by striking "and aircraft" and inserting "aircraft, and systems".

SEC. 3539. INVENTORY OF REAL PROPERTY.

Section 679 of title 14, United States Code, is amended—

(1) in subsection (a) by striking "Not later than September 30, 2015, the Commandant shall establish" and inserting "The Commandant shall maintain"; and

(2) by striking subsection (b) and inserting the following:

"(b) UPDATES.—The Commandant shall update information on each unit of real property included in the inventory required under subsection (a) not later than 30 days after any change relating to the control of such property.".

CHAPTER 2—MARITIME TRANSPORTATION

SEC. 3541. DEFINITIONS.

(a) IN GENERAL.—

(1) Section 2101 of title 46, United States Code, is amended—

(A) by inserting after paragraph (4) the following:

"( ) 'Commandant' means the Commandant of the Coast Guard.";

(B) by striking the semicolon at the end of paragraph (14) and inserting a period; and

(C) by redesignating the paragraphs of such section in order as paragraphs (1) through (54), respectively.

(2) Section 3701 of title 46, United States Code, is amended by redesignating paragraphs (3) and (4) as paragraphs (2) and (3) respectively.

(b) CONFORMING AMENDMENTS.—

(1) Section 114(o)(3) of the Marine Mammal Protection Act of 1972 (16 U.S.C. 1383a(o)(3)) is amended—

(A) by striking "section 2101(11a)" and inserting "section 2101(12)"; and

(B) by striking "section 2101(11b)" and inserting "section 2101(13)".

(2) Section 3(3) of the Magnuson-Stevens Fishery Conservation and Management Act (16 U.S.C. 1802(3)), is amended by striking "section 2101(21a)" and inserting "section 2101(30)".

(3) Section 1992(d)(7) of title 18, United States Code, is amended by striking "section 2101(22)" and inserting "section 2101(31)".

(4) Section 12(c) of the Fishermen's Protective Act of 1967 (22 U.S.C. 1980b(c)) is amended by striking "section 2101(11a)" and inserting "section 2101(12)".

(5) Section 311(a)(26)(D) of the Federal Water Pollution Control Act (33 U.S.C. 1321(a)(26)(D)) is amended by striking "section 2101(17a)" and inserting "section 2101(23)".

(6) Section 2113(3) of title 46, United States Code, is amended by striking "section 2101(42)(A)" and inserting "section 2101(51)(A)".

(7) Section 2116(d)(1) of title 46, United States Code, is amended by striking "Coast Guard Commandant" and inserting "Commandant".

(8) Section 3202(a)(1)(A) of title 46, United States Code, is amended by striking "section 2101(21)(A)" and inserting "section 2101(29)(A)".

(9) Section 3507 of title 46, United States Code, is amended—

(A) in subsection (k)(1), by striking "section 2101(22)" and inserting "section 2101(31)"; and

(B) by striking subsection (l) and inserting the following:

"(l) DEFINITION.—In this section and section 3508, the term 'owner' means the owner, charterer, managing operator, master, or other individual in charge of a vessel.".

(10) Section 4105 of title 46, United States Code, is amended—

(A) in subsection (b)(1), by striking "section 2101(42)" and inserting "section 2101(51)"; and

(B) in subsection (c), by striking "section 2101(42)(A)" and inserting "section 2101(51)(A)".

(11) Section 6101(i)(4) of title 46, United States Code, is amended by striking "of the Coast Guard".

(12) Section 7510(c)(1) of title 46, United States Code, is amended by striking "Commandant of the Coast Guard" and inserting "Commandant".

(13) Section 7706(a) of title 46, United States Code, is amended by striking "of the Coast Guard".

(14) Section 8108(a)(1) of title 46, United States Code, is amended by striking "of the Coast Guard".

(15) Section 12119(a)(3) of title 46, United States Code, is amended by striking "section 2101(20)" and inserting "section 2101(26)".

(16) Section 80302(d) of title 46, United States Code, is amended by striking "of the Coast Guard" the first place it appears.

(17) Section 1101 of title 49, United States Code, is amended by striking "Section 2101(17a)" and inserting "Section 2101(23)".

SEC. 3542. AUTHORITY TO EXEMPT VESSELS.

(a) IN GENERAL.—Section 2113 of title 46, United States Code, is amended—

(1) by adding "and" after the semicolon at the end of paragraph (3); and

(2) by striking paragraphs (4) and (5) and inserting the following:

"(4) maintain different structural fire protection, manning, operating, and equipment requirements for vessels that satisfied requirements set forth in the Passenger Vessel Safety Act of 1993 (Public Law 103–206) before June 21, 1994.".

(b) CONFORMING AMENDMENTS.—Section 3306(i) of title 46, United States Code, is amended by striking "section 2113(5)" and inserting "section 2113(4)".

SEC. 3543. PASSENGER VESSELS.

(a) Section 3507 of title 46, United States Code, is amended—

(1) by striking subsection (a)(3);

(2) in subsection (e)(2), by striking "services confidential" and inserting "services as confidential"; and

(3) in subsection (i), by striking "Within 6 months after the date of enactment of the Cruise Vessel Security and Safety Act of 2010, the Secretary

shall issue" and insert "The Secretary shall maintain".

(b) Section 3508 of title 46, United States Code, is amended—

(1) in subsection (a), by striking "Within 1 year after the date of enactment of the Cruise Vessel Security and Safety Act of 2010, the" and inserting "The", and by striking "develop" and inserting "maintain";

(2) in subsection (c), by striking "Beginning 2 years after the standards are established under subsection (b), no" and inserting "No";

(3) by striking subsection (d) and redesignating subsections (e) and (f) as subsections (d) and (e), respectively; and

(4) in subsection (e), as redesignated by paragraph (3), by striking "subsection (e)" each place it appears and inserting "subsection (d)".

SEC. 3544. TANK VESSELS.

(a) Section 3703a of title 46, United States Code, is amended—

(1) in subsection (b), by striking paragraph (3) and redesignating paragraphs (4), (5), and (6) as paragraphs (3), (4), and (5), respectively;

(2) in subsection (c)(2)—

(A) by striking "that is delivered" and inserting "that was delivered";

(B) by striking "that qualifies" and inserting "that qualified"; and

(C) by striking "after January 1, 2015,";

(3) in subsection (c)(3)—

(A) by striking "that is delivered" and inserting "that was delivered"; and

(B) by striking "that qualifies" and inserting "that qualified";

(4) by striking subsection (c)(3)(A) and inserting the following:

"(A) in the case of a vessel of at least 5,000 gross tons but less than 15,000 gross tons as measured under section 14502, or an alternate tonnage measured under section 14302 as prescribed by the Secretary under section 14104, if the vessel is 25 years old or older and has a single hull, or is 30 years old or older and has a double bottom or double sides;";

(5) by striking subsection (c)(3)(B) and inserting the following:

"(B) in the case of a vessel of at least 15,000 gross tons but less than 30,000 gross tons as measured under section 14502, or an alternate tonnage measured under section 14302 as prescribed by the Sec-

retary under section 14104, if the vessel is 25 years old or older and has a single hull, or is 30 years old or older and has a double bottom or double sides; and";

(6) by striking subsection (c)(3)(C) and inserting the following:

"(C) in the case of a vessel of at least 30,000 gross tons as measured under section 14502, or an alternate tonnage measured under section 14302 as prescribed by the Secretary under section 14104, if the vessel is 23 years old or older and has a single hull, or is 28 years old or older and has a double bottom or double sides."; and

(7) in subsection (e)—

(A) in paragraph (1), by striking "and except as otherwise provided in paragraphs (2) and (3) of this subsection"; and

(B) by striking paragraph (2) and redesignating paragraph (3) as paragraph (2).

(b) Section 3705 of title 46, United States Code, is amended—

(1) in subsection (b)—

(A) by striking paragraph (2);

(B) by striking "(1)"; and

(C) by redesignating subparagraphs (A) and (B) as paragraphs (1) and (2), respectively; and

(2) in subsection (c), by striking "before January 2, 1986, or the date on which the tanker reaches 15 years of age, whichever is later".

(c) Section 3706(d) of title 46, United States Code, is amended by striking "before January 2, 1986, or the date on which it reaches 15 years of age, whichever is later".

(d) Section 1001(32)(A) of the Oil Pollution Act of 1990 (33 U.S.C. 2701(32)(A)) is amended by striking "(other than a vessel described in section 3703a(b)(3) of title 46, United States Code)".

SEC. 3545. GROUNDS FOR DENIAL OR REVOCATION.

(a) Section 7503 of title 46, United States Code, is amended to read as follows:

"§ 7503. Dangerous drugs as grounds for denial

"A license, certificate of registry, or merchant mariner's document authorized to be issued under this part may be denied to an individual who—

"(1) within 10 years before applying for the license, certificate, or document, has been convicted of violating a dangerous drug law of the United States or of a State; or

"(2) when applying, has ever been a user of, or addicted to, a dangerous drug unless the individual provides satisfactory proof that the individual is cured.".

(b) Section 7704 of title 46, United States Code, is amended by redesignating subsections (b) and (c) as subsections (a) and (b), respectively.

SEC. 3546. MISCELLANEOUS CORRECTIONS TO TITLE 46, U.S.C.

(a) Section 2110 of title 46, United States Code, is amended by striking subsection (k).

(b) Section 2116(c) of title 46, United States Code, is amended by striking "Beginning with fiscal year 2011 and each fiscal year thereafter, the" and inserting "The".

(c) Section 3302(g)(2) of title 46, United States Code, is amended by striking "After December 31, 1988, this" and inserting "This".

(d) Section 6101(j) of title 46, United States Code, is amended by striking ", as soon as possible, and no later than January 1, 2005,".

(e) Section 7505 of title 46, United States Code, is amended by striking "section 206(b)(7) of the National Driver Register Act of 1982 (23 U.S.C. 401 note)" and inserting "section 30305(b)(7) of title 49".

(f) Section 7702(c)(1) of title 46, United States Code, is amended by striking "section 206(b)(4) of the National Driver Register Act of 1982 (23 U.S.C. 401 note)" and inserting "section 30305(b)(7) of title 49".

(g) Section 8106(f) of title 46, United States Code, is amended by striking paragraph (3) and inserting the following:

"(3) CONTINUING VIOLATIONS.—The maximum amount of a civil penalty for a violation under this subsection shall be $100,000.".

(h) Section 8703 of title 46, United States Code, is amended by redesignating subsection (c) as subsection (b).

(i) Section 11113 of title 46, United States Code, is amended—

(1) in subsection (a)(4)(A) by striking "paragraph (2)" and inserting "paragraph (3)"; and

(2) in subsection (c)(2)(B)—

(A) by striking "section 2(9)(a)" and inserting "section 2(a)(9)(A)"; and

(B) by striking "33 U.S.C. 1901(9)(a)" and inserting "33 U.S.C. 1901(a)(9)(A)".

(j) Section 12113(d)(2)(C)(iii) of title 46, United States Code, is amended by striking "118 Stat. 2887)" and inserting "118 Stat. 2887))".

(k) Section 13107(c)(2) of title 46, United States Code, is amended by striking "On and after October 1, 2016, no" and inserting "No".

(l) Section 31322(a)(4)(B) of title 46, United States Code, is amended by striking "state" and inserting "State".

(m) Section 52101(d) of title 46, United States Code, is amended by striking "(50 App. U.S.C. 459(a))" and inserting "(50 U.S.C. 3808(a))".

(n) The analysis for chapter 531 of title 46, United States Code, is amended by striking the item relating to section 53109:

(o) Section 53106(a)(1) of title 46, United States Code, is amended by striking subparagraphs (A), (B), (C), and (D), and by redesignating subparagraphs (E), (F), and (G) as subparagraphs (A), (B), and (C), respectively.

(p) Section 53111 of title 46, United States Code, is amended by striking paragraphs (1) through (4), and by redesignating paragraphs (5), (6), and (7) as paragraphs (1), (2), and (3), respectively.

(q) Section 53501 of title 46, United States Code, is amended—

(1) in paragraph (5)(A)(iii), by striking "transportation trade trade or" and inserting "transportation trade or";

(2) by redesignating paragraph (8) as paragraph (9);

(3) by striking the second paragraph (7) (relating to the definition of "United States foreign trade"); and

(4) by inserting after the first paragraph (7) the following:

"(8) UNITED STATES FOREIGN TRADE.—The term 'United States foreign trade' includes those areas in domestic trade in which a vessel built with a construction-differential subsidy is allowed to operate under the first sentence of section 506 of the Merchant Marine Act, 1936.".

(r) Section 54101(f) of title 46, United States Code, is amended by striking paragraph (2) and inserting the following:

"(2) MINIMUM STANDARDS FOR PAYMENT OR REIMBURSEMENT.—Each application submitted under paragraph (1) shall include a comprehensive description of—

"(A) the need for the project;

"(B) the methodology for implementing the project; and

"(C) any existing programs or arrangements that can be used to supplement or leverage assistance under the program.".

(s) Section 55305(d)(2)(D) of title 46, United States Code, is amended by striking "421(c)(1)" and inserting "1303(a)(1))".

(t) The analysis for chapter 575 of title 46, United States Code, is amended in the item relating to section 57533 by adding a period at the end.

(u) Section 57532(d) of title 46, United States Code, is amended by striking "(50 App. U.S.C. 1291(a), (c), 1293(c), 1294)" and inserting "(50 U.S.C. 4701(a), (c), 4703(c), and 4704)".

(v) Section 60303(c) of title 46, United States Code, is amended in by striking "Subsection (a) section does" and inserting "Subsection (a) does".

SEC. 3547. MISCELLANEOUS CORRECTIONS TO OIL POLLUTION ACT OF 1990.

(a) Section 2 of the Oil Pollution Act of 1990 (33 U.S.C. 2701 note) is amended by—

(1) inserting after the item relating to section 5007 the following:

"Sec. 5008. North Pacific Marine Research Institute.".

(2) striking the item relating to section 6003.

(b) Section 1003(d)(5) of the Oil Pollution Act of 1990 (33 U.S.C. 2703(d)(5)) is amended by inserting "section" before "1002(a)".

(c) Section 1004(d)(2)(C) of the Oil Pollution Act of 1990 (33 U.S.C. 2704(d)(2)(C)) is amended by striking "under this subparagraph (A)" and inserting "under subparagraph (A)".

(d) Section 4303 of the Oil Pollution Act of 1990 (33 U.S.C. 2716a) is amended—

(1) in subsection (a), by striking "subsection (c)(2)" and inserting "subsection (b)(2)"; and

(2) in subsection (b), by striking "this section 1016" and inserting "section 1016".

(e) Section 5002(l)(2) of the Oil Pollution Act of 1990 (33 U.S.C. 2732(l)(2)) is amended by striking "General Accounting Office" and inserting "Government Accountability Office".

SEC. 3548. MISCELLANEOUS CORRECTIONS.

(a) Section 1 of the Act of June 15, 1917 (chapter 30; 50 U.S.C. 191), is amended by striking "the Secretary of the Treasury" and inserting "the Secretary of the department in which the Coast Guard is operating".

(b) Section 5(b) of the Act entitled "An Act to regulate the construction of bridges over navigable waters", approved March 23, 1906, popularly known as the Bridge Act of 1906

(chapter 1130; 33 U.S.C. 495(b)), is amended by striking "$5,000 for a violation occurring in 2004; $10,000 for a violation occurring in 2005; $15,000 for a violation occurring in 2006; $20,000 for a violation occurring in 2007; and".

(c) Section 5(f) of the Act to Prevent Pollution from Ships (33 U.S.C. 1904(f)) is amended to read as follows:

"(f) SHIP CLEARANCE; REFUSAL OR REVOCATION.—If a ship is under a detention order under this section, the Secretary may refuse or revoke the clearance required by section 60105 of title 46, United States Code.".

DIVISION D—FUNDING TABLES

SEC. 4001. AUTHORIZATION OF AMOUNTS IN FUNDING TABLES.

(a) IN GENERAL.—Whenever a funding table in this division specifies a dollar amount authorized for a project, program, or activity, the obligation and expenditure of the specified dollar amount for the project, program, or activity is hereby authorized, subject to the availability of appropriations.

(b) MERIT-BASED DECISIONS.—A decision to commit, obligate, or expend funds with or to a specific entity on the basis of a dollar amount authorized pursuant to subsection (a) shall—

(1) be based on merit-based selection procedures in accordance with the requirements of sections 2304(k) and 2374 of title 10, United States Code, or on competitive procedures; and

(2) comply with other applicable provisions of law.

(c) RELATIONSHIP TO TRANSFER AND PROGRAMMING AUTHORITY.—An amount specified in the funding tables in this division may be transferred or reprogrammed under a transfer or reprogramming authority provided by another provision of this Act or by other law. The transfer or reprogramming of an amount specified in such funding tables shall not count against a ceiling on such transfers or reprogrammings under section 1001 or section 1512 of this Act or any other provision of law, unless such transfer or reprogramming would move funds between appropriation accounts.

(d) APPLICABILITY TO CLASSIFIED ANNEX.—This section applies to any classified annex that accompanies this Act.

(e) ORAL AND WRITTEN COMMUNICATIONS.—No oral or written communication concerning any amount specified in the funding tables in this division shall supersede the requirements of this section.

TITLE XLI—PROCUREMENT

SEC. 4101. PROCUREMENT.

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2019 Request	House Authorized
	AIRCRAFT PROCUREMENT, ARMY		
	FIXED WING		
002	UTILITY F/W AIRCRAFT	744	744
003	MQ–1 UAV	43,326	103,326
	MQ–1 Gray Eagle Service Life Extension Program		[60,000]
004	RQ–11 (RAVEN)	46,416	46,416
	ROTARY		
007	AH–64 APACHE BLOCK IIIA REMAN	753,248	753,248
008	ADVANCE PROCUREMENT (CY)	174,550	174,550
009	AH–64 APACHE BLOCK IIIB NEW BUILD	284,687	284,687
	Additional AH–64Es to address ARNG shortfalls		[192,000]
	Realignment to cover ARNG shortfalls		[–192,000]
010	ADVANCE PROCUREMENT (CY)	58,600	58,600
011	UH–60 BLACKHAWK M MODEL (MYP)	988,810	1,073,810
	Additional UH–60Ms for ARNG		[85,000]
012	ADVANCE PROCUREMENT (CY)	106,150	106,150
013	UH–60 BLACK HAWK A AND L MODELS	146,138	146,138
014	CH–47 HELICOPTER	99,278	99,278
015	ADVANCE PROCUREMENT (CY)	24,235	24,235
	MODIFICATION OF AIRCRAFT		
018	UNIVERSAL GROUND CONTROL EQUIPMENT (UAS)	27,114	27,114
019	GRAY EAGLE MODS2	97,781	97,781
020	MULTI SENSOR ABN RECON (MIP)	52,274	66,274
	Army UFR: program increase		[14,000]
021	AH–64 MODS	104,996	104,996
022	CH–47 CARGO HELICOPTER MODS (MYP)	7,807	7,807
023	GRCS SEMA MODS (MIP)	5,573	5,573
024	ARL SEMA MODS (MIP)	7,522	7,522
025	EMARSS SEMA MODS (MIP)	20,448	20,448
026	UTILITY/CARGO AIRPLANE MODS	17,719	17,719
027	UTILITY HELICOPTER MODS	6,443	16,443
	UH–72A Life-Cycle Sustainability		[10,000]
028	NETWORK AND MISSION PLAN	123,614	123,614
029	COMMS, NAV SURVEILLANCE	161,969	161,969
030	DEGRADED VISUAL ENVIRONMENT	30,000	30,000
031	GATM ROLLUP	26,848	26,848
032	RQ–7 UAV MODS	103,246	154,114
	Realignment of EDI APS Unit Set from OCO to Base		[50,868]
033	UAS MODS	17,644	21,046
	Realignment of EDI APS Unit Set from OCO to Base		[3,402]
	GROUND SUPPORT AVIONICS		
034	AIRCRAFT SURVIVABILITY EQUIPMENT	57,170	57,170
035	SURVIVABILITY CM	5,853	5,853
036	CMWS	13,496	13,496
037	COMMON INFRARED COUNTERMEASURES (CIRCM)	36,839	36,839
	OTHER SUPPORT		
038	AVIONICS SUPPORT EQUIPMENT	1,778	1,778
039	COMMON GROUND EQUIPMENT	34,818	34,818
040	AIRCREW INTEGRATED SYSTEMS	27,243	27,243
041	AIR TRAFFIC CONTROL	63,872	63,872
042	INDUSTRIAL FACILITIES	1,417	1,417
043	LAUNCHER, 2.75 ROCKET	1,901	1,901
044	LAUNCHER GUIDED MISSILE: LONGBOW HELLFIRE XM2	991	991
	TOTAL AIRCRAFT PROCUREMENT, ARMY	**3,782,558**	**4,005,828**
	MISSILE PROCUREMENT, ARMY		
	SURFACE-TO-AIR MISSILE SYSTEM		
001	LOWER TIER AIR AND MISSILE DEFENSE (AMD)	111,395	111,395
002	MSE MISSILE	871,276	1,131,276
	Realignment of EDI APS Unit Set from OCO to Base		[260,000]
003	INDIRECT FIRE PROTECTION CAPABILITY INC 2–I	145,636	145,636
004	ADVANCE PROCUREMENT (CY)	31,286	31,286
	AIR-TO-SURFACE MISSILE SYSTEM		
006	JOINT AIR-TO-GROUND MSLS (JAGM)	276,462	248,862
	Unit cost and engineering services cost growth		[–27,600]
	ANTI-TANK/ASSAULT MISSILE SYS		
008	JAVELIN (AAWS-M) SYSTEM SUMMARY	303,665	267,465
	Forward financed in the FY18 Omnibus for command launch units		[–50,000]
	Realignment of EDI APS Unit Set from OCO to Base		[13,800]
009	TOW 2 SYSTEM SUMMARY	105,014	105,014
010	ADVANCE PROCUREMENT (CY)	19,949	19,949
011	GUIDED MLRS ROCKET (GMLRS)	359,613	329,613

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2019 Request	House Authorized
	Forward financed in the FY18 Omnibus		*[–30,000]*
012	*MLRS REDUCED RANGE PRACTICE ROCKETS (RRPR)*	*20,964*	*20,964*
013	*HIGH MOBILITY ARTILLERY ROCKET SYSTEM (HIMARS*		*171,138*
	Realignment of EDI APS Unit Set from OCO to Base		*[171,138]*
	MODIFICATIONS		
015	*PATRIOT MODS*	*313,228*	*333,228*
	Increase PATRIOT Mod efforts		*[20,000]*
016	*ATACMS MODS*	*221,656*	*236,656*
	Forward financed in the FY18 Omnibus		*[–65,000]*
	Realignment of EDI APS Unit Set from OCO to Base		*[80,000]*
017	*GMLRS MOD*	*266*	*266*
018	*STINGER MODS*	*94,756*	*94,756*
019	*AVENGER MODS*	*48,670*	*48,670*
020	*ITAS/TOW MODS*	*3,173*	*3,173*
021	*MLRS MODS*	*383,216*	*505,216*
	Realignment of EDI APS Unit Set from OCO to Base		*[122,000]*
022	*HIMARS MODIFICATIONS*	*10,196*	*10,196*
	SPARES AND REPAIR PARTS		
023	*SPARES AND REPAIR PARTS*	*27,737*	*27,737*
	SUPPORT EQUIPMENT & FACILITIES		
024	*AIR DEFENSE TARGETS*	*6,417*	*6,417*
025	*PRODUCTION BASE SUPPORT*	*1,202*	*1,202*
	TOTAL MISSILE PROCUREMENT, ARMY	***3,355,777***	***3,850,115***
	PROCUREMENT OF W&TCV, ARMY		
	TRACKED COMBAT VEHICLES		
001	*BRADLEY PROGRAM*		*205,000*
	Realignment of EDI APS Unit Set from OCO to Base		*[205,000]*
002	*ARMORED MULTI PURPOSE VEHICLE (AMPV)*	*479,801*	*710,160*
	Realignment of EDI APS Unit Set from OCO to Base		*[230,359]*
	MODIFICATION OF TRACKED COMBAT VEHICLES		
004	*STRYKER (MOD)*	*287,490*	*138,190*
	Army requested realignment to WTCV–5		*[–149,300]*
005	*STRYKER UPGRADE*	*21,900*	*360,000*
	A1 conversions for 5th SBCT		*[188,800]*
	Army requested realignment—A1 conversions for 5th SBCT		*[149,300]*
006	*BRADLEY PROGRAM (MOD)*	*625,424*	*675,424*
	Realignment of EDI APS Unit Set from OCO to Base		*[50,000]*
007	*M109 FOV MODIFICATIONS*	*26,482*	*26,482*
008	*PALADIN INTEGRATED MANAGEMENT (PIM)*	*351,802*	*493,802*
	Realignment of EDI APS Unit Set from OCO to Base		*[67,000]*
	Smooth funding production profile		*[75,000]*
009	*IMPROVED RECOVERY VEHICLE (M88A2 HERCULES)*	*110,500*	*152,854*
	Realignment of EDI APS Unit Set from OCO to Base		*[42,354]*
010	*ASSAULT BRIDGE (MOD)*	*2,120*	*2,120*
011	*ASSAULT BREACHER VEHICLE*	*62,407*	*62,407*
012	*M88 FOV MODS*	*4,517*	*4,517*
013	*JOINT ASSAULT BRIDGE*	*142,255*	*142,255*
014	*M1 ABRAMS TANK (MOD)*	*927,600*	*961,600*
	Realignment of EDI APS Unit Set from OCO to Base		*[34,000]*
015	*ABRAMS UPGRADE PROGRAM*	*1,075,999*	*1,530,999*
	Realignment of EDI APS Unit Set from OCO to Base		*[455,000]*
	WEAPONS & OTHER COMBAT VEHICLES		
018	*M240 MEDIUM MACHINE GUN (7.62MM)*	*1,955*	*7,081*
	Program Increase—M240L and M240B		*[5,000]*
	Realignment of EDI APS Unit Set from OCO to Base		*[126]*
019	*MULTI-ROLE ANTI-ARMOR ANTI-PERSONNEL WEAPON S*	*23,345*	*23,345*
020	*GUN AUTOMATIC 30MM M230*	*7,434*	*7,434*
021	*MACHINE GUN, CAL .50 M2 ROLL*	*22,330*	*22,330*
022	*MORTAR SYSTEMS*	*12,470*	*12,650*
	Realignment of EDI APS Unit Set from OCO to Base		*[180]*
023	*XM320 GRENADE LAUNCHER MODULE (GLM)*	*697*	*697*
024	*COMPACT SEMI-AUTOMATIC SNIPER SYSTEM*	*46,236*	*46,236*
025	*CARBINE*	*69,306*	*71,106*
	Realignment of EDI APS Unit Set from OCO to Base		*[1,800]*
026	*SMALL ARMS—FIRE CONTROL*	*7,929*	*7,929*
027	*COMMON REMOTELY OPERATED WEAPONS STATION*	*35,968*	*39,346*
	Realignment of EDI APS Unit Set from OCO to Base		*[3,378]*
028	*HANDGUN*	*48,251*	*48,251*
	MOD OF WEAPONS AND OTHER COMBAT VEH		
029	*MK–19 GRENADE MACHINE GUN MODS*	*1,684*	*1,684*
030	*M777 MODS*	*3,086*	*3,086*
031	*M4 CARBINE MODS*	*31,575*	*35,775*
	Additional free-float forward extended rails		*[4,200]*
032	*M2 50 CAL MACHINE GUN MODS*	*21,600*	*26,520*
	Realignment of EDI APS Unit Set from OCO to Base		*[4,920]*
033	*M249 SAW MACHINE GUN MODS*	*3,924*	*3,924*
034	*M240 MEDIUM MACHINE GUN MODS*	*6,940*	*6,947*

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Line	Item	FY 2019 Request	House Authorized
	Realignment of EDI APS Unit Set from OCO to Base		*[7]*
035	*SNIPER RIFLES MODIFICATIONS*	*2,747*	*2,747*
036	*M119 MODIFICATIONS*	*5,704*	*5,704*
037	*MORTAR MODIFICATION*	*3,965*	*3,965*
038	*MODIFICATIONS LESS THAN $5.0M (WOCV-WTCV)*	*5,577*	*5,577*
	SUPPORT EQUIPMENT & FACILITIES		
039	*ITEMS LESS THAN $5.0M (WOCV-WTCV)*	*3,174*	*4,571*
	Realignment of EDI APS Unit Set from OCO to Base		*[1,397]*
040	*PRODUCTION BASE SUPPORT (WOCV-WTCV)*	*3,284*	*3,284*
041	*SMALL ARMS EQUIPMENT (SOLDIER ENH PROG)*	*1,640*	*1,640*
	TOTAL PROCUREMENT OF W&TCV, ARMY	***4,489,118***	***5,857,639***
	PROCUREMENT OF AMMUNITION, ARMY		
	SMALL/MEDIUM CAL AMMUNITION		
001	*CTG, 5.56MM, ALL TYPES*	*41,848*	*45,240*
	Realignment of EDI APS Unit Set from OCO to Base		*[3,392]*
002	*CTG, 7.62MM, ALL TYPES*	*86,199*	*86,239*
	Realignment of EDI APS Unit Set from OCO to Base		*[40]*
003	*CTG, HANDGUN, ALL TYPES*	*20,158*	*20,175*
	Realignment of EDI APS Unit Set from OCO to Base		*[17]*
004	*CTG, .50 CAL, ALL TYPES*	*65,573*	*65,762*
	Realignment of EDI APS Unit Set from OCO to Base		*[189]*
005	*CTG, 20MM, ALL TYPES*	*8,198*	*8,198*
007	*CTG, 30MM, ALL TYPES*	*77,995*	*102,995*
	Realignment of EDI APS Unit Set from OCO to Base		*[25,000]*
008	*CTG, 40MM, ALL TYPES*	*69,781*	*69,781*
	MORTAR AMMUNITION		
009	*60MM MORTAR, ALL TYPES*	*45,280*	*45,498*
	Realignment of EDI APS Unit Set from OCO to Base		*[218]*
010	*81MM MORTAR, ALL TYPES*	*46,853*	*47,337*
	Realignment of EDI APS Unit Set from OCO to Base		*[484]*
011	*120MM MORTAR, ALL TYPES*	*83,003*	*83,003*
	TANK AMMUNITION		
012	*CARTRIDGES, TANK, 105MM AND 120MM, ALL TYPES*	*168,101*	*168,101*
	ARTILLERY AMMUNITION		
013	*ARTILLERY CARTRIDGES, 75MM & 105MM, ALL TYPES*	*39,341*	*39,341*
014	*ARTILLERY PROJECTILE, 155MM, ALL TYPES*	*211,442*	*290,842*
	Realignment of EDI APS Unit Set from OCO to Base		*[79,400]*
015	*PROJ 155MM EXTENDED RANGE M982*	*100,906*	*152,606*
	Realignment of EDI APS Unit Set from OCO to Base		*[51,700]*
016	*ARTILLERY PROPELLANTS, FUZES AND PRIMERS, ALL*	*236,677*	*268,577*
	Forward financed in the FY18 Omnibus		*[–15,000]*
	Program decrease		*[–2,000]*
	Realignment of EDI APS Unit Set from OCO to Base		*[48,900]*
	MINES		
017	*MINES & CLEARING CHARGES, ALL TYPES*	*15,905*	*15,905*
	ROCKETS		
018	*SHOULDER LAUNCHED MUNITIONS, ALL TYPES*	*4,503*	*31,745*
	Army UFR: bunker defeat munitions		*[25,000]*
	Realignment of EDI APS Unit Set from OCO to Base		*[2,242]*
019	*ROCKET, HYDRA 70, ALL TYPES*	*211,211*	*241,211*
	Army UFR: additional HYDRA rockets		*[30,000]*
	OTHER AMMUNITION		
020	*CAD/PAD, ALL TYPES*	*10,428*	*10,428*
021	*DEMOLITION MUNITIONS, ALL TYPES*	*44,656*	*44,661*
	Realignment of EDI APS Unit Set from OCO to Base		*[5]*
022	*GRENADES, ALL TYPES*	*19,896*	*19,904*
	Realignment of EDI APS Unit Set from OCO to Base		*[8]*
023	*SIGNALS, ALL TYPES*	*10,121*	*10,121*
024	*SIMULATORS, ALL TYPES*	*11,464*	*11,464*
	MISCELLANEOUS		
025	*AMMO COMPONENTS, ALL TYPES*	*5,224*	*5,224*
026	*NON-LETHAL AMMUNITION, ALL TYPES*	*4,310*	*4,310*
027	*ITEMS LESS THAN $5 MILLION (AMMO)*	*11,193*	*11,259*
	Realignment of EDI APS Unit Set from OCO to Base		*[66]*
028	*AMMUNITION PECULIAR EQUIPMENT*	*10,500*	*10,500*
029	*FIRST DESTINATION TRANSPORTATION (AMMO)*	*18,456*	*18,456*
030	*CLOSEOUT LIABILITIES*	*100*	*100*
	PRODUCTION BASE SUPPORT		
032	*INDUSTRIAL FACILITIES*	*394,133*	*394,133*
033	*CONVENTIONAL MUNITIONS DEMILITARIZATION*	*157,535*	*157,535*
034	*ARMS INITIATIVE*	*3,771*	*3,771*
	TOTAL PROCUREMENT OF AMMUNITION, ARMY	***2,234,761***	***2,484,422***
	OTHER PROCUREMENT, ARMY		
	TACTICAL VEHICLES		
001	*TACTICAL TRAILERS/DOLLY SETS*	*16,512*	*16,512*
002	*SEMITRAILERS, FLATBED:*	*16,951*	*24,951*

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Line	Item	FY 2019 Request	House Authorized
	Realignment of EDI APS Unit Set from OCO to Base		*[8,000]*
003	*AMBULANCE, 4 LITTER, 5/4 TON, 4X4*	*50,123*	*70,893*
	Realignment of EDI APS Unit Set from OCO to Base		*[20,770]*
004	*GROUND MOBILITY VEHICLES (GMV)*	*46,988*	*36,988*
	Unobligated Balances		*[–10,000]*
005	*ARNG HMMWV MODERNIZATION PROGRAM*		*25,000*
	Additional HMMWVs		*[25,000]*
006	*JOINT LIGHT TACTICAL VEHICLE*	*1,319,436*	*1,319,436*
007	*TRUCK, DUMP, 20T (CCE)*	*6,480*	*6,480*
008	*FAMILY OF MEDIUM TACTICAL VEH (FMTV)*	*132,882*	*132,882*
009	*FIRETRUCKS & ASSOCIATED FIREFIGHTING EQUIP*	*14,842*	*14,842*
010	*FAMILY OF HEAVY TACTICAL VEHICLES (FHTV)*	*138,105*	*253,505*
	Realignment of EDI APS Unit Set from OCO to Base		*[115,400]*
012	*HVY EXPANDED MOBILE TACTICAL TRUCK EXT SERV*	*31,892*	*38,574*
	Realignment of EDI APS Unit Set from OCO to Base		*[6,682]*
013	*TACTICAL WHEELED VEHICLE PROTECTION KITS*	*38,128*	*88,128*
	Realignment of EDI APS Unit Set from OCO to Base		*[50,000]*
014	*MODIFICATION OF IN SVC EQUIP*	*78,507*	*78,884*
	Realignment of EDI APS Unit Set from OCO to Base		*[377]*
015	*MINE-RESISTANT AMBUSH-PROTECTED (MRAP) MODS*		*27,000*
	SFAB emerging requirements		*[27,000]*
	NON-TACTICAL VEHICLES		
016	*HEAVY ARMORED VEHICLE*	*790*	*790*
017	*PASSENGER CARRYING VEHICLES*	*1,390*	*1,390*
018	*NONTACTICAL VEHICLES, OTHER*	*15,415*	*15,415*
	COMM—JOINT COMMUNICATIONS		
020	*SIGNAL MODERNIZATION PROGRAM*	*150,777*	*150,777*
021	*TACTICAL NETWORK TECHNOLOGY MOD IN SVC*	*469,117*	*533,117*
	Additional TCN-L, NOSC-L, and next generation embedded kits for IBCTs and SBCTs.		*[64,000]*
022	*SITUATION INFORMATION TRANSPORT*	*62,727*	*62,727*
023	*JOINT INCIDENT SITE COMMUNICATIONS CAPABILITY*	*13,895*	*13,895*
024	*JCSE EQUIPMENT (USREDCOM)*	*4,866*	*4,866*
	COMM—SATELLITE COMMUNICATIONS		
027	*DEFENSE ENTERPRISE WIDEBAND SATCOM SYSTEMS*	*108,133*	*108,133*
028	*TRANSPORTABLE TACTICAL COMMAND COMMUNICATIONS*	*56,737*	*56,737*
029	*SHF TERM*	*13,100*	*13,100*
030	*SMART-T (SPACE)*	*9,160*	*9,160*
031	*GLOBAL BRDCST SVC—GBS*	*25,647*	*25,647*
032	*ENROUTE MISSION COMMAND (EMC)*	*37,401*	*37,401*
	COMM—C3 SYSTEM		
036	*COE TACTICAL SERVER INFRASTRUCTURE (TSI)*	*20,500*	*20,500*
	COMM—COMBAT COMMUNICATIONS		
037	*JOINT TACTICAL RADIO SYSTEM*		*1,560*
	Realignment of EDI APS Unit Set from OCO to Base		*[1,560]*
038	*HANDHELD MANPACK SMALL FORM FIT (HMS)*	*351,565*	*351,565*
040	*RADIO TERMINAL SET, MIDS LVT(2)*	*4,641*	*4,641*
041	*TRACTOR DESK*	*2,187*	*2,187*
042	*TRACTOR RIDE*	*9,411*	*22,611*
	Army UFR: program increase		*[13,200]*
044	*SPIDER FAMILY OF NETWORKED MUNITIONS INCR*	*17,515*	*17,515*
045	*TACTICAL COMMUNICATIONS AND PROTECTIVE SYSTEM*	*819*	*819*
046	*UNIFIED COMMAND SUITE*	*17,807*	*17,807*
047	*COTS COMMUNICATIONS EQUIPMENT*	*191,835*	*208,835*
	Program decrease		*[–5,000]*
	Realignment of EDI APS Unit Set from OCO to Base		*[22,000]*
048	*FAMILY OF MED COMM FOR COMBAT CASUALTY CARE*	*25,177*	*25,177*
	COMM—INTELLIGENCE COMM		
050	*CI AUTOMATION ARCHITECTURE (MIP)*	*9,740*	*9,740*
051	*DEFENSE MILITARY DECEPTION INITIATIVE*	*2,667*	*2,667*
	INFORMATION SECURITY		
053	*FAMILY OF BIOMETRICS*	*8,319*	*8,319*
054	*INFORMATION SYSTEM SECURITY PROGRAM-ISSP*	*2,000*	*2,000*
055	*COMMUNICATIONS SECURITY (COMSEC)*	*88,337*	*88,340*
	Realignment of EDI APS Unit Set from OCO to Base		*[3]*
056	*DEFENSIVE CYBER OPERATIONS*	*51,343*	*51,343*
057	*INSIDER THREAT PROGRAM—UNIT ACTIVITY MONITO*	*330*	*330*
058	*PERSISTENT CYBER TRAINING ENVIRONMENT*	*3,000*	*3,000*
	COMM—LONG HAUL COMMUNICATIONS		
059	*BASE SUPPORT COMMUNICATIONS*	*34,434*	*34,434*
	COMM—BASE COMMUNICATIONS		
060	*INFORMATION SYSTEMS*	*95,558*	*95,558*
061	*EMERGENCY MANAGEMENT MODERNIZATION PROGRAM*	*4,736*	*4,736*
062	*HOME STATION MISSION COMMAND CENTERS (HSMCC)*	*24,479*	*24,479*
063	*INSTALLATION INFO INFRASTRUCTURE MOD PROGRAM*	*216,433*	*225,483*
	Realignment of EDI APS Unit Set from OCO to Base		*[9,050]*
	ELECT EQUIP—TACT INT REL ACT (TIARA)		
066	*JTT/CIBS-M (MIP)*	*10,268*	*10,268*

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Line	Item	FY 2019 Request	House Authorized
068	DCGS-A (MIP)	261,863	261,863
069	JOINT TACTICAL GROUND STATION (JTAGS) (MIP)	5,434	5,434
070	TROJAN (MIP)	20,623	21,223
	Realignment of EDI APS Unit Set from OCO to Base		[600]
071	MOD OF IN-SVC EQUIP (INTEL SPT) (MIP)	45,998	45,998
072	CI HUMINT AUTO REPRTING & COLL(CHARCS)(MIP)	296	296
076	ITEMS LESS THAN $5.0M (MIP)	410	410
	ELECT EQUIP—ELECTRONIC WARFARE (EW)		
077	LIGHTWEIGHT COUNTER MORTAR RADAR	9,165	9,165
078	EW PLANNING & MANAGEMENT TOOLS (EWPMT)	5,875	5,875
079	AIR VIGILANCE (AV) (MIP)	8,497	8,497
083	CI MODERNIZATION (MIP)	486	486
	ELECT EQUIP—TACTICAL SURV. (TAC SURV)		
084	SENTINEL MODS	79,629	79,629
085	NIGHT VISION DEVICES	153,180	153,266
	Realignment of EDI APS Unit Set from OCO to Base		[86]
086	LONG RANGE ADVANCED SCOUT SURVEILLANCE SYSTEM		2,861
	Realignment of EDI APS Unit Set from OCO to Base		[2,861]
087	SMALL TACTICAL OPTICAL RIFLE MOUNTED MLRF	22,882	22,882
088	RADIATION MONITORING SYSTEMS	17,393	17,404
	Realignment of EDI APS Unit Set from OCO to Base		[11]
090	INDIRECT FIRE PROTECTION FAMILY OF SYSTEMS	46,740	47,002
	Realignment of EDI APS Unit Set from OCO to Base		[262]
091	FAMILY OF WEAPON SIGHTS (FWS)	140,737	131,962
	Realignment of EDI APS Unit Set from OCO to Base		[525]
	Unexecutable funds		[–9,300]
093	PROFILER	171	171
094	JOINT BATTLE COMMAND—PLATFORM (JBC-P)	405,239	431,385
	Realignment of EDI APS Unit Set from OCO to Base		[26,146]
095	JOINT EFFECTS TARGETING SYSTEM (JETS)	66,574	66,574
096	MOD OF IN-SVC EQUIP (LLDR)	20,783	24,833
	Realignment of EDI APS Unit Set from OCO to Base		[4,050]
097	COMPUTER BALLISTICS: LHMBC XM32	8,553	8,553
098	MORTAR FIRE CONTROL SYSTEM	21,489	21,489
099	COUNTERFIRE RADARS	162,121	162,121
	ELECT EQUIP—TACTICAL C2 SYSTEMS		
100	ARMY COMMAND POST INTEGRATED INFRASTRUCTURE (	2,855	2,855
101	FIRE SUPPORT C2 FAMILY	19,153	19,153
102	AIR & MSL DEFENSE PLANNING & CONTROL SYS	33,837	33,837
103	LIFE CYCLE SOFTWARE SUPPORT (LCSS)	5,136	5,136
104	NETWORK MANAGEMENT INITIALIZATION AND SERVICE	18,329	18,329
105	MANEUVER CONTROL SYSTEM (MCS)	38,015	38,015
106	GLOBAL COMBAT SUPPORT SYSTEM-ARMY (GCSS-A)	15,164	15,164
107	INTEGRATED PERSONNEL AND PAY SYSTEM-ARMY (IPP	29,239	29,239
109	RECONNAISSANCE AND SURVEYING INSTRUMENT SET	6,823	6,823
110	MOD OF IN-SVC EQUIPMENT (ENFIRE)	1,177	1,177
	ELECT EQUIP—AUTOMATION		
111	ARMY TRAINING MODERNIZATION	12,265	12,265
112	AUTOMATED DATA PROCESSING EQUIP	201,875	201,875
113	GENERAL FUND ENTERPRISE BUSINESS SYSTEMS FAM	10,976	10,976
114	HIGH PERF COMPUTING MOD PGM (HPCMP)	66,330	66,330
115	CONTRACT WRITING SYSTEM	5,927	5,927
116	RESERVE COMPONENT AUTOMATION SYS (RCAS)	27,896	27,896
	ELECT EQUIP—AUDIO VISUAL SYS (A/V)		
117	TACTICAL DIGITAL MEDIA	4,392	4,392
118	ITEMS LESS THAN $5M (SURVEYING EQUIPMENT)	1,970	1,970
	ELECT EQUIP—SUPPORT		
119	PRODUCTION BASE SUPPORT (C-E)	506	506
	CLASSIFIED PROGRAMS		
120A	CLASSIFIED PROGRAMS	4,501	4,501
	CHEMICAL DEFENSIVE EQUIPMENT		
121	PROTECTIVE SYSTEMS	2,314	2,341
	Realignment of EDI APS Unit Set from OCO to Base		[27]
122	FAMILY OF NON-LETHAL EQUIPMENT (FNLE)	7,478	7,478
124	CBRN DEFENSE	173,954	174,271
	Realignment of EDI APS Unit Set from OCO to Base		[317]
	BRIDGING EQUIPMENT		
125	TACTICAL BRIDGING	98,229	98,229
126	TACTICAL BRIDGE, FLOAT-RIBBON	64,438	64,438
127	COMMON BRIDGE TRANSPORTER (CBT) RECAP	79,916	79,916
	ENGINEER (NON-CONSTRUCTION) EQUIPMENT		
128	HANDHELD STANDOFF MINEFIELD DETECTION SYS-HST	8,471	8,471
129	GRND STANDOFF MINE DETECTN SYSM (GSTAMIDS)	29,883	29,883
130	AREA MINE DETECTION SYSTEM (AMDS)	11,594	11,595
	Realignment of EDI APS Unit Set from OCO to Base		[1]
131	HUSKY MOUNTED DETECTION SYSTEM (HMDS)	40,834	40,834
132	ROBOTIC COMBAT SUPPORT SYSTEM (RCSS)	4,029	4,029
133	EOD ROBOTICS SYSTEMS RECAPITALIZATION	14,208	14,208

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Line	Item	FY 2019 Request	House Authorized
134	ROBOTICS AND APPLIQUE SYSTEMS	31,456	31,456
136	REMOTE DEMOLITION SYSTEMS	1,748	1,749
	Realignment of EDI APS Unit Set from OCO to Base		[1]
137	< $5M, COUNTERMINE EQUIPMENT	7,829	7,829
138	FAMILY OF BOATS AND MOTORS	5,806	5,806
	COMBAT SERVICE SUPPORT EQUIPMENT		
139	HEATERS AND ECU'S	9,852	9,852
140	SOLDIER ENHANCEMENT	1,103	1,103
141	PERSONNEL RECOVERY SUPPORT SYSTEM (PRSS)	5,875	5,875
142	GROUND SOLDIER SYSTEM	92,487	92,487
143	MOBILE SOLDIER POWER	30,774	30,774
145	FIELD FEEDING EQUIPMENT	17,521	17,521
146	CARGO AERIAL DEL & PERSONNEL PARACHUTE SYSTEM	44,855	44,855
147	FAMILY OF ENGR COMBAT AND CONSTRUCTION SETS	17,173	17,173
148	ITEMS LESS THAN $5M (ENG SPT)	2,000	2,000
	PETROLEUM EQUIPMENT		
149	QUALITY SURVEILLANCE EQUIPMENT	1,770	1,770
150	DISTRIBUTION SYSTEMS, PETROLEUM & WATER	39,730	39,730
	MEDICAL EQUIPMENT		
151	COMBAT SUPPORT MEDICAL	57,752	77,752
	Simulators and other technologies to reduce the use of live animal tissue for medical training.		[20,000]
	MAINTENANCE EQUIPMENT		
152	MOBILE MAINTENANCE EQUIPMENT SYSTEMS	37,722	37,722
153	ITEMS LESS THAN $5.0M (MAINT EQ)	4,985	5,253
	Realignment of EDI APS Unit Set from OCO to Base		[268]
	CONSTRUCTION EQUIPMENT		
155	SCRAPERS, EARTHMOVING	7,961	7,961
156	HYDRAULIC EXCAVATOR	1,355	1,355
158	ALL TERRAIN CRANES	13,031	13,031
159	HIGH MOBILITY ENGINEER EXCAVATOR (HMEE)	46,048	46,048
160	ENHANCED RAPID AIRFIELD CONSTRUCTION CAPAP	980	8,480
	Program increase—additional ERACC systems		[7,500]
161	CONST EQUIP ESP	37,017	37,017
162	ITEMS LESS THAN $5.0M (CONST EQUIP)	6,103	6,103
	RAIL FLOAT CONTAINERIZATION EQUIPMENT		
163	ARMY WATERCRAFT ESP	27,711	27,711
164	ITEMS LESS THAN $5.0M (FLOAT/RAIL)	8,385	8,385
	GENERATORS		
165	GENERATORS AND ASSOCIATED EQUIP	133,772	133,772
166	TACTICAL ELECTRIC POWER RECAPITALIZATION	8,333	8,333
	MATERIAL HANDLING EQUIPMENT		
167	FAMILY OF FORKLIFTS	12,901	12,901
	TRAINING EQUIPMENT		
168	COMBAT TRAINING CENTERS SUPPORT	123,228	123,228
169	TRAINING DEVICES, NONSYSTEM	228,598	228,598
170	CLOSE COMBAT TACTICAL TRAINER	33,080	33,080
171	AVIATION COMBINED ARMS TACTICAL TRAINER	32,700	32,700
172	GAMING TECHNOLOGY IN SUPPORT OF ARMY TRAINING	25,161	25,161
	TEST MEASURE AND DIG EQUIPMENT (TMD)		
173	CALIBRATION SETS EQUIPMENT	4,270	4,270
174	INTEGRATED FAMILY OF TEST EQUIPMENT (IFTE)	76,295	85,790
	Realignment of EDI APS Unit Set from OCO to Base		[9,495]
175	TEST EQUIPMENT MODERNIZATION (TEMOD)	9,806	9,806
	OTHER SUPPORT EQUIPMENT		
176	M25 STABILIZED BINOCULAR	4,368	4,401
	Realignment of EDI APS Unit Set from OCO to Base		[33]
177	RAPID EQUIPPING SOLDIER SUPPORT EQUIPMENT	9,879	9,879
178	PHYSICAL SECURITY SYSTEMS (OPA3)	54,043	54,043
179	BASE LEVEL COMMON EQUIPMENT	6,633	6,633
180	MODIFICATION OF IN-SVC EQUIPMENT (OPA–3)	49,797	49,797
181	PRODUCTION BASE SUPPORT (OTH)	2,301	2,301
182	SPECIAL EQUIPMENT FOR USER TESTING	11,608	11,608
183	TRACTOR YARD	4,956	4,956
	OPA2		
184	INITIAL SPARES—C&E	9,817	9,817
	TOTAL OTHER PROCUREMENT, ARMY	**7,999,529**	**8,410,454**
	AIRCRAFT PROCUREMENT, NAVY		
	COMBAT AIRCRAFT		
001	F/A–18E/F (FIGHTER) HORNET	1,937,553	1,907,553
	Excess NRE and Support Costs		[–30,000]
002	ADVANCE PROCUREMENT (CY)	58,799	58,799
003	JOINT STRIKE FIGHTER CV	1,144,958	1,132,058
	Production Effiencies		[–12,900]
004	ADVANCE PROCUREMENT (CY)	140,010	140,010
005	JSF STOVL	2,312,847	2,276,547
	Production Efficiences		[–36,300]

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Line	Item	FY 2019 Request	House Authorized
006	ADVANCE PROCUREMENT (CY)	228,492	228,492
007	CH–53K (HEAVY LIFT)	1,113,804	1,089,804
	Support cost growth		[–24,000]
008	ADVANCE PROCUREMENT (CY)	161,079	161,079
009	V–22 (MEDIUM LIFT)	806,337	806,337
010	ADVANCE PROCUREMENT (CY)	36,955	36,955
011	H–1 UPGRADES (UH–1Y/AH–1Z)	820,755	820,755
014	P–8A POSEIDON	1,803,753	1,777,753
	Excessive CFE Electronics cost growth		[–5,000]
	Excessive GFE Electronics cost growth		[–1,000]
	Excessive support cost growth		[–20,000]
015	ADVANCE PROCUREMENT (CY)	180,000	180,000
016	E–2D ADV HAWKEYE	742,693	726,393
	Excessive CFE cost growth		[–5,800]
	Excessive Non-reoccurring cost growth		[–2,900]
	Excessive Other ILS cost growth		[–1,700]
	Excessive peculiar equipment cost growth		[–5,900]
017	ADVANCE PROCUREMENT (CY)	240,734	240,734
	AIRLIFT AIRCRAFT		
018	C–40A	206,000	0
	Forward financed in the FY18 Omnibus		[–206,000]
	OTHER AIRCRAFT		
020	KC–130J	160,433	160,433
021	ADVANCE PROCUREMENT (CY)	110,013	110,013
022	MQ–4 TRITON	568,743	544,793
	Unit and support cost growth		[–23,950]
023	ADVANCE PROCUREMENT (CY)	58,522	58,522
024	MQ–8 UAV	54,761	54,761
025	STUASL0 UAV	14,866	14,866
026	VH–92A EXECUTIVE HELO	649,015	649,015
	MODIFICATION OF AIRCRAFT		
027	AEA SYSTEMS	25,277	25,277
028	AV–8 SERIES	58,577	58,577
029	ADVERSARY	14,606	14,606
030	F–18 SERIES	1,213,482	1,210,982
	Program decrease		[–2,500]
031	H–53 SERIES	70,997	70,997
032	SH–60 SERIES	130,661	130,661
033	H–1 SERIES	87,143	87,143
034	EP–3 SERIES	3,633	3,633
035	P–3 SERIES	803	803
036	E–2 SERIES	88,780	88,780
037	TRAINER A/C SERIES	11,660	11,660
038	C–2A	11,327	11,327
039	C–130 SERIES	79,075	79,075
040	FEWSG	597	597
041	CARGO/TRANSPORT A/C SERIES	8,932	8,932
042	E–6 SERIES	181,821	181,821
043	EXECUTIVE HELICOPTERS SERIES	23,566	23,566
044	SPECIAL PROJECT AIRCRAFT	7,620	7,620
045	T–45 SERIES	195,475	195,475
046	POWER PLANT CHANGES	21,521	21,521
047	JPATS SERIES	27,644	27,644
048	AVIATION LIFE SUPPORT MODS	15,864	15,864
049	COMMON ECM EQUIPMENT	166,306	191,306
	Navy UFR: F/A–18E/F Super Hornet Adaptive RADAR countermeasures		[25,000]
050	COMMON AVIONICS CHANGES	117,551	112,551
	Program decrease		[–5,000]
051	COMMON DEFENSIVE WEAPON SYSTEM	1,994	1,994
052	ID SYSTEMS	40,696	40,696
053	P–8 SERIES	71,251	71,251
054	MAGTF EW FOR AVIATION	11,590	11,590
055	MQ–8 SERIES	37,907	37,907
057	V–22 (TILT/ROTOR ACFT) OSPREY	214,820	214,820
058	NEXT GENERATION JAMMER (NGJ)	952	952
059	F–35 STOVL SERIES	36,618	36,618
060	F–35 CV SERIES	21,236	21,236
061	QRC	101,499	101,499
062	MQ–4 SERIES	48,278	48,278
063	RQ–21 SERIES	6,904	6,904
	AIRCRAFT SPARES AND REPAIR PARTS		
064	SPARES AND REPAIR PARTS	1,792,920	1,832,920
	F–35B Spares		[40,000]
	AIRCRAFT SUPPORT EQUIP & FACILITIES		
065	COMMON GROUND EQUIPMENT	421,606	411,606
	Program decrease		[–10,000]
066	AIRCRAFT INDUSTRIAL FACILITIES	24,496	24,496
067	WAR CONSUMABLES	42,108	42,108

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2019 Request	House Authorized
068	OTHER PRODUCTION CHARGES	1,444	1,444
069	SPECIAL SUPPORT EQUIPMENT	49,489	49,489
070	FIRST DESTINATION TRANSPORTATION	1,951	1,951
	TOTAL AIRCRAFT PROCUREMENT, NAVY	**19,041,799**	**18,713,849**
	WEAPONS PROCUREMENT, NAVY		
	MODIFICATION OF MISSILES		
001	TRIDENT II MODS	1,078,750	1,078,750
	SUPPORT EQUIPMENT & FACILITIES		
002	MISSILE INDUSTRIAL FACILITIES	6,998	6,998
	STRATEGIC MISSILES		
003	TOMAHAWK	98,570	213,370
	Forward financed in the FY18 Omnibus		[–81,000]
	Program Increase—198 missile		[216,000]
	Shutdown costs early to need		[–20,200]
	TACTICAL MISSILES		
004	AMRAAM	211,058	211,058
005	SIDEWINDER	77,927	122,927
	Navy UFR: additional AIM 9–X missiles		[45,000]
006	JSOW	1,330	1,330
007	STANDARD MISSILE	490,210	490,210
008	ADVANCE PROCUREMENT (CY)	125,683	125,683
009	SMALL DIAMETER BOMB II	91,272	91,272
010	RAM	96,221	93,921
	Excess Production Support		[–2,300]
011	JOINT AIR GROUND MISSILE (JAGM)	24,109	24,109
014	STAND OFF PRECISION GUIDED MUNITIONS (SOPGM)	11,378	11,378
015	AERIAL TARGETS	137,137	137,137
016	OTHER MISSILE SUPPORT	3,318	3,318
017	LRASM	81,190	111,190
	Navy Unfunded Requirement		[30,000]
018	LCS OTH MISSILE	18,156	18,156
	MODIFICATION OF MISSILES		
019	ESSM	98,384	96,384
	Excess Production Support		[–2,000]
020	HARPOON MODS	14,840	14,840
021	HARM MODS	187,985	187,985
	SUPPORT EQUIPMENT & FACILITIES		
023	WEAPONS INDUSTRIAL FACILITIES	2,006	2,006
024	FLEET SATELLITE COMM FOLLOW-ON	66,779	66,779
	ORDNANCE SUPPORT EQUIPMENT		
025	ORDNANCE SUPPORT EQUIPMENT	62,008	62,008
	TORPEDOES AND RELATED EQUIP		
026	SSTD	6,353	6,353
027	MK–48 TORPEDO	92,616	103,616
	Navy Unfunded Requirement		[11,000]
028	ASW TARGETS	12,324	12,324
	MOD OF TORPEDOES AND RELATED EQUIP		
029	MK–54 TORPEDO MODS	105,946	95,446
	HAAWC unit cost growth		[–6,500]
	Non Recurring Engineering excess growth		[–4,000]
030	MK–48 TORPEDO ADCAP MODS	40,005	40,005
031	QUICKSTRIKE MINE	9,758	9,758
	SUPPORT EQUIPMENT		
032	TORPEDO SUPPORT EQUIPMENT	79,371	79,371
033	ASW RANGE SUPPORT	3,872	3,872
	DESTINATION TRANSPORTATION		
034	FIRST DESTINATION TRANSPORTATION	3,726	3,726
	GUNS AND GUN MOUNTS		
035	SMALL ARMS AND WEAPONS	15,067	15,067
	MODIFICATION OF GUNS AND GUN MOUNTS		
036	CIWS MODS	63,318	63,318
037	COAST GUARD WEAPONS	40,823	40,823
038	GUN MOUNT MODS	74,618	74,618
039	LCS MODULE WEAPONS	11,350	5,550
	Mission Module Early to need		[–5,800]
041	AIRBORNE MINE NEUTRALIZATION SYSTEMS	22,249	22,249
	SPARES AND REPAIR PARTS		
043	SPARES AND REPAIR PARTS	135,688	130,688
	Unjustified program cost growth		[–5,000]
	TOTAL WEAPONS PROCUREMENT, NAVY	**3,702,393**	**3,877,593**
	PROCUREMENT OF AMMO, NAVY & MC		
	NAVY AMMUNITION		
001	GENERAL PURPOSE BOMBS	79,871	79,871
002	JDAM	87,900	87,900
003	AIRBORNE ROCKETS, ALL TYPES	151,431	151,431
004	MACHINE GUN AMMUNITION	11,344	11,344

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2019 Request	House Authorized
005	PRACTICE BOMBS	49,471	49,471
006	CARTRIDGES & CART ACTUATED DEVICES	56,227	56,227
007	AIR EXPENDABLE COUNTERMEASURES	66,382	66,382
008	JATOS	2,907	2,907
009	5 INCH/54 GUN AMMUNITION	72,657	72,657
010	INTERMEDIATE CALIBER GUN AMMUNITION	33,613	33,613
011	OTHER SHIP GUN AMMUNITION	42,142	42,142
012	SMALL ARMS & LANDING PARTY AMMO	49,888	49,888
013	PYROTECHNIC AND DEMOLITION	10,931	10,931
015	AMMUNITION LESS THAN $5 MILLION	1,106	1,106
	MARINE CORPS AMMUNITION		
019	MORTARS	28,266	28,266
021	DIRECT SUPPORT MUNITIONS	63,664	63,664
022	INFANTRY WEAPONS AMMUNITION	59,295	59,295
026	COMBAT SUPPORT MUNITIONS	31,577	31,577
028	AMMO MODERNIZATION	15,001	15,001
029	ARTILLERY MUNITIONS	86,297	86,297
030	ITEMS LESS THAN $5 MILLION	6,239	6,239
	TOTAL PROCUREMENT OF AMMO, NAVY & MC	**1,006,209**	**1,006,209**
	SHIPBUILDING AND CONVERSION, NAVY		
	FLEET BALLISTIC MISSILE SHIPS		
001	ADVANCE PROCUREMENT (CY)	3,005,330	3,088,030
	Accelerated Advance Procurement		[150,000]
	Forward financed in the FY18 Omnibus for the foundry propeller center		[–19,000]
	Ordnance Early to Need		[–48,300]
	OTHER WARSHIPS		
002	CARRIER REPLACEMENT PROGRAM	1,598,181	1,549,081
	Authorize CVN81—One ship		
	Excess change order rate		[–49,100]
004	VIRGINIA CLASS SUBMARINE	4,373,382	5,311,382
	EOQ AP for submarine in FY 2022 and 2023		[1,003,000]
	Excess change order rate		[–20,000]
	Forward financed in the FY18 Omnibus		[–45,000]
005	ADVANCE PROCUREMENT (CY)	2,796,401	2,796,401
007	ADVANCE PROCUREMENT (CY)	449,597	449,597
008	DDG 1000	270,965	270,965
009	DDG–51	5,253,327	4,941,327
	DDG Flight III Multiyear Procurement Savings		[–150,000]
	Excessive Basic Construction Unit Cost Growth		[–162,000]
010	ADVANCE PROCUREMENT (CY)	391,928	391,928
011	LITTORAL COMBAT SHIP	646,244	1,596,244
	Program Increase—Two ships		[950,000]
	AMPHIBIOUS SHIPS		
012A	ADVANCE PROCUREMENT (CY)		150,000
	EOQ for LPD Flight II Multi-year Procurement		[150,000]
013	EXPEDITIONARY SEA BASE (ESB)	650,000	630,000
	Accelerated contracts learning curve		[–20,000]
	AUXILIARIES, CRAFT AND PRIOR YR PROGRAM COST		
016	TAO FLEET OILER	977,104	957,104
	Accelerated contracts learning curve		[–20,000]
017	ADVANCE PROCUREMENT (CY)	75,046	75,046
018	TOWING, SALVAGE, AND RESCUE SHIP (ATS)	80,517	75,517
	Accelerated contracts learning curve		[–5,000]
020	LCU 1700	41,520	41,520
021	OUTFITTING	634,038	589,038
	Outfitting and Post Delivery early to need		[–45,000]
022	SHIP TO SHORE CONNECTOR	325,375	507,875
	Program Increase—Three vessels		[182,500]
023	SERVICE CRAFT	72,062	72,062
024	LCAC SLEP	23,321	23,321
028	COMPLETION OF PY SHIPBUILDING PROGRAMS	207,099	207,099
	TOTAL SHIPBUILDING AND CONVERSION, NAVY	**21,871,437**	**23,723,537**
	OTHER PROCUREMENT, NAVY		
	SHIP PROPULSION EQUIPMENT		
001	SURFACE POWER EQUIPMENT	19,700	19,700
	GENERATORS		
003	SURFACE COMBATANT HM&E	23,495	23,495
	NAVIGATION EQUIPMENT		
004	OTHER NAVIGATION EQUIPMENT	63,330	63,330
	OTHER SHIPBOARD EQUIPMENT		
005	SUB PERISCOPE, IMAGING AND SUPT EQUIP PROG	178,421	178,421
006	DDG MOD	487,999	591,199
	AWS Installation Unit Cost Growth		[–4,800]
	Navy Unfunded Requirement		[43,000]
	Program Increase—One additional Combat System		[65,000]
007	FIREFIGHTING EQUIPMENT	28,143	28,143

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2019 Request	House Authorized
008	COMMAND AND CONTROL SWITCHBOARD	2,248	2,248
009	LHA/LHD MIDLIFE	37,694	37,694
010	POLLUTION CONTROL EQUIPMENT	20,883	20,883
011	SUBMARINE SUPPORT EQUIPMENT	37,155	37,155
012	VIRGINIA CLASS SUPPORT EQUIPMENT	66,328	66,328
013	LCS CLASS SUPPORT EQUIPMENT	47,241	47,241
014	SUBMARINE BATTERIES	27,987	27,987
015	LPD CLASS SUPPORT EQUIPMENT	65,033	65,033
016	DDG 1000 CLASS SUPPORT EQUIPMENT	89,700	89,700
017	STRATEGIC PLATFORM SUPPORT EQUIP	22,254	22,254
018	DSSP EQUIPMENT	3,629	3,629
019	CG MODERNIZATION	276,446	272,546
	Integrated Ship Controls Unit Cost Growth		[–3,900]
020	LCAC	3,709	3,709
021	UNDERWATER EOD PROGRAMS	78,807	48,407
	Insufficient transition strategy		[–30,400]
022	ITEMS LESS THAN $5 MILLION	126,865	126,865
023	CHEMICAL WARFARE DETECTORS	2,966	2,966
024	SUBMARINE LIFE SUPPORT SYSTEM	11,968	11,968
	REACTOR PLANT EQUIPMENT		
025	REACTOR POWER UNITS	346,325	0
	Early to need		[–346,325]
026	REACTOR COMPONENTS	497,063	497,063
	OCEAN ENGINEERING		
027	DIVING AND SALVAGE EQUIPMENT	10,706	10,706
	SMALL BOATS		
028	STANDARD BOATS	49,771	49,771
	PRODUCTION FACILITIES EQUIPMENT		
029	OPERATING FORCES IPE	225,181	225,181
	OTHER SHIP SUPPORT		
031	LCS COMMON MISSION MODULES EQUIPMENT	46,732	46,732
032	LCS MCM MISSION MODULES	124,147	124,147
033	LCS ASW MISSION MODULES	57,294	7,394
	Late test event for VDS and MFTA		[–49,900]
034	LCS SUW MISSION MODULES	26,006	15,006
	Surface to Surface MM Early to need		[–11,000]
035	LCS IN-SERVICE MODERNIZATION	70,526	70,526
	LOGISTIC SUPPORT		
036	LSD MIDLIFE & MODERNIZATION	4,784	4,784
	SHIP SONARS		
037	SPQ–9B RADAR	20,309	20,309
038	AN/SQQ–89 SURF ASW COMBAT SYSTEM	115,459	115,459
039	SSN ACOUSTIC EQUIPMENT	318,189	318,189
040	UNDERSEA WARFARE SUPPORT EQUIPMENT	10,134	10,134
	ASW ELECTRONIC EQUIPMENT		
041	SUBMARINE ACOUSTIC WARFARE SYSTEM	23,815	23,815
042	SSTD	11,277	11,277
043	FIXED SURVEILLANCE SYSTEM	237,780	207,780
	Forward financed in the FY18 Omnibus		[–30,000]
044	SURTASS	57,872	47,872
	Forward financed in the FY18 Omnibus for SURTASS-E		[–10,000]
	ELECTRONIC WARFARE EQUIPMENT		
045	AN/SLQ–32	420,344	397,244
	Excess Ship Installation Unit Cost Growth		[–23,100]
	RECONNAISSANCE EQUIPMENT		
046	SHIPBOARD IW EXPLOIT	220,883	220,883
047	AUTOMATED IDENTIFICATION SYSTEM (AIS)	4,028	4,028
	OTHER SHIP ELECTRONIC EQUIPMENT		
048	COOPERATIVE ENGAGEMENT CAPABILITY	44,173	42,573
	Excess Production Engineering Support		[–1,600]
049	NAVAL TACTICAL COMMAND SUPPORT SYSTEM (NTCSS)	10,991	10,991
050	ATDLS	34,526	34,526
051	NAVY COMMAND AND CONTROL SYSTEM (NCCS)	3,769	3,769
052	MINESWEEPING SYSTEM REPLACEMENT	35,709	35,709
053	SHALLOW WATER MCM	8,616	8,616
054	NAVSTAR GPS RECEIVERS (SPACE)	10,703	10,703
055	AMERICAN FORCES RADIO AND TV SERVICE	2,626	2,626
056	STRATEGIC PLATFORM SUPPORT EQUIP	9,467	9,467
	AVIATION ELECTRONIC EQUIPMENT		
057	ASHORE ATC EQUIPMENT	70,849	70,849
058	AFLOAT ATC EQUIPMENT	47,890	47,890
059	ID SYSTEMS	26,163	26,163
060	JOINT PRECISION APPROACH AND LANDING SYSTEM (	38,094	38,094
061	NAVAL MISSION PLANNING SYSTEMS	11,966	11,966
	OTHER SHORE ELECTRONIC EQUIPMENT		
062	TACTICAL/MOBILE C4I SYSTEMS	42,010	42,010
063	DCGS-N	12,896	12,896
064	CANES	423,027	423,027

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2019 Request	House Authorized
065	RADIAC	8,175	8,175
066	CANES-INTELL	54,465	54,465
067	GPETE	5,985	5,985
068	MASP	5,413	5,413
069	INTEG COMBAT SYSTEM TEST FACILITY	6,251	6,251
070	EMI CONTROL INSTRUMENTATION	4,183	4,183
071	ITEMS LESS THAN $5 MILLION	148,350	148,350
	SHIPBOARD COMMUNICATIONS		
072	SHIPBOARD TACTICAL COMMUNICATIONS	45,450	45,450
073	SHIP COMMUNICATIONS AUTOMATION	105,087	105,087
074	COMMUNICATIONS ITEMS UNDER $5M	41,123	41,123
	SUBMARINE COMMUNICATIONS		
075	SUBMARINE BROADCAST SUPPORT	30,897	30,897
076	SUBMARINE COMMUNICATION EQUIPMENT	78,580	78,580
	SATELLITE COMMUNICATIONS		
077	SATELLITE COMMUNICATIONS SYSTEMS	41,205	41,205
078	NAVY MULTIBAND TERMINAL (NMT)	113,885	113,885
	SHORE COMMUNICATIONS		
079	JOINT COMMUNICATIONS SUPPORT ELEMENT (JCSE)	4,292	4,292
	CRYPTOGRAPHIC EQUIPMENT		
080	INFO SYSTEMS SECURITY PROGRAM (ISSP)	153,526	153,526
081	MIO INTEL EXPLOITATION TEAM	951	951
	CRYPTOLOGIC EQUIPMENT		
082	CRYPTOLOGIC COMMUNICATIONS EQUIP	14,209	14,209
	OTHER ELECTRONIC SUPPORT		
086	COAST GUARD EQUIPMENT	40,713	40,713
	SONOBUOYS		
088	SONOBUOYS—ALL TYPES	177,891	216,191
	Navy Unfunded Requirement		[38,300]
	AIRCRAFT SUPPORT EQUIPMENT		
089	WEAPONS RANGE SUPPORT EQUIPMENT	93,864	93,864
090	AIRCRAFT SUPPORT EQUIPMENT	111,724	111,724
091	ADVANCED ARRESTING GEAR (AAG)	11,054	11,054
092	METEOROLOGICAL EQUIPMENT	21,072	21,072
093	DCRS/DPL	656	656
094	AIRBORNE MINE COUNTERMEASURES	11,299	11,299
095	LAMPS EQUIPMENT	594	594
096	AVIATION SUPPORT EQUIPMENT	39,374	39,374
097	UMCS-UNMAN CARRIER AVIATION(UCA)MISSION CNTRL	35,405	35,405
	SHIP GUN SYSTEM EQUIPMENT		
098	SHIP GUN SYSTEMS EQUIPMENT	5,337	5,337
	SHIP MISSILE SYSTEMS EQUIPMENT		
099	SHIP MISSILE SUPPORT EQUIPMENT	213,090	208,090
	Unjustified Stalker Growth		[–5,000]
100	TOMAHAWK SUPPORT EQUIPMENT	92,890	92,890
	FBM SUPPORT EQUIPMENT		
101	STRATEGIC MISSILE SYSTEMS EQUIP	271,817	271,817
	ASW SUPPORT EQUIPMENT		
102	SSN COMBAT CONTROL SYSTEMS	129,501	124,001
	Excessive Unit Cost Growth for Install		[–5,500]
103	ASW SUPPORT EQUIPMENT	19,436	19,436
	OTHER ORDNANCE SUPPORT EQUIPMENT		
104	EXPLOSIVE ORDNANCE DISPOSAL EQUIP	14,258	14,258
105	ITEMS LESS THAN $5 MILLION	5,378	5,378
	OTHER EXPENDABLE ORDNANCE		
106	SUBMARINE TRAINING DEVICE MODS	65,543	65,543
107	SURFACE TRAINING EQUIPMENT	230,425	230,425
	CIVIL ENGINEERING SUPPORT EQUIPMENT		
108	PASSENGER CARRYING VEHICLES	4,867	4,867
109	GENERAL PURPOSE TRUCKS	2,674	2,674
110	CONSTRUCTION & MAINTENANCE EQUIP	20,994	20,994
111	FIRE FIGHTING EQUIPMENT	17,189	17,189
112	TACTICAL VEHICLES	19,916	19,916
113	AMPHIBIOUS EQUIPMENT	7,400	7,400
114	POLLUTION CONTROL EQUIPMENT	2,713	2,713
115	ITEMS UNDER $5 MILLION	35,540	35,540
116	PHYSICAL SECURITY VEHICLES	1,155	1,155
	SUPPLY SUPPORT EQUIPMENT		
117	SUPPLY EQUIPMENT	18,786	18,786
118	FIRST DESTINATION TRANSPORTATION	5,375	5,375
119	SPECIAL PURPOSE SUPPLY SYSTEMS	580,371	580,371
	TRAINING DEVICES		
120	TRAINING SUPPORT EQUIPMENT	3,400	3,400
121	TRAINING AND EDUCATION EQUIPMENT	24,283	22,183
	Excess Production Support		[–2,100]
	COMMAND SUPPORT EQUIPMENT		
122	COMMAND SUPPORT EQUIPMENT	66,681	66,681
123	MEDICAL SUPPORT EQUIPMENT	3,352	3,352

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2019 Request	House Authorized
125	NAVAL MIP SUPPORT EQUIPMENT	1,984	1,984
126	OPERATING FORCES SUPPORT EQUIPMENT	15,131	15,131
127	C4ISR EQUIPMENT	3,576	3,576
128	ENVIRONMENTAL SUPPORT EQUIPMENT	31,902	31,902
129	PHYSICAL SECURITY EQUIPMENT	175,436	175,436
130	ENTERPRISE INFORMATION TECHNOLOGY	25,393	25,393
	OTHER		
133	NEXT GENERATION ENTERPRISE SERVICE	96,269	96,269
	CLASSIFIED PROGRAMS		
133A	CLASSIFIED PROGRAMS	15,681	15,681
	SPARES AND REPAIR PARTS		
134	SPARES AND REPAIR PARTS	326,838	326,838
	TOTAL OTHER PROCUREMENT, NAVY	**9,414,355**	**9,037,030**
	PROCUREMENT, MARINE CORPS		
	TRACKED COMBAT VEHICLES		
001	AAV7A1 PIP	156,249	136,249
	Program reduction		[–20,000]
002	AMPHIBIOUS COMBAT VEHICLE 1.1	167,478	167,478
003	LAV PIP	43,701	43,701
	ARTILLERY AND OTHER WEAPONS		
005	155MM LIGHTWEIGHT TOWED HOWITZER	47,158	47,158
006	ARTILLERY WEAPONS SYSTEM	134,246	134,246
007	WEAPONS AND COMBAT VEHICLES UNDER $5 MILLION	40,687	40,687
	OTHER SUPPORT		
008	MODIFICATION KITS	22,904	22,904
	GUIDED MISSILES		
009	GROUND BASED AIR DEFENSE	18,334	18,334
010	ANTI-ARMOR MISSILE-JAVELIN	3,020	3,020
011	FAMILY ANTI-ARMOR WEAPON SYSTEMS (FOAAWS)	13,760	13,760
012	ANTI-ARMOR MISSILE-TOW	59,702	59,702
	COMMAND AND CONTROL SYSTEMS		
013	COMMON AVIATION COMMAND AND CONTROL SYSTEM (C	35,467	35,467
	REPAIR AND TEST EQUIPMENT		
014	REPAIR AND TEST EQUIPMENT	46,081	41,481
	Program Reduction		[–4,600]
	OTHER SUPPORT (TEL)		
015	MODIFICATION KITS	971	971
	COMMAND AND CONTROL SYSTEM (NON-TEL)		
016	ITEMS UNDER $5 MILLION (COMM & ELEC)	69,203	62,203
	Program Reduction		[–7,000]
017	AIR OPERATIONS C2 SYSTEMS	14,269	14,269
	RADAR + EQUIPMENT (NON-TEL)		
018	RADAR SYSTEMS	6,694	6,694
019	GROUND/AIR TASK ORIENTED RADAR (G/ATOR)	224,969	224,969
	INTELL/COMM EQUIPMENT (NON-TEL)		
021	GCSS-MC	1,187	1,187
022	FIRE SUPPORT SYSTEM	60,189	60,189
023	INTELLIGENCE SUPPORT EQUIPMENT	73,848	67,848
	Unjustified request for TSCS Inc 1		[–6,000]
025	UNMANNED AIR SYSTEMS (INTEL)	3,848	3,848
026	DCGS-MC	16,081	16,081
	OTHER SUPPORT (NON-TEL)		
030	NEXT GENERATION ENTERPRISE NETWORK (NGEN)	87,120	87,120
031	COMMON COMPUTER RESOURCES	68,914	68,914
032	COMMAND POST SYSTEMS	124,838	124,838
033	RADIO SYSTEMS	279,680	264,680
	Program reduction		[–15,000]
034	COMM SWITCHING & CONTROL SYSTEMS	36,649	36,649
035	COMM & ELEC INFRASTRUCTURE SUPPORT	83,971	83,971
	CLASSIFIED PROGRAMS		
035A	CLASSIFIED PROGRAMS	3,626	3,626
	ADMINISTRATIVE VEHICLES		
036	COMMERCIAL CARGO VEHICLES	25,441	25,441
	TACTICAL VEHICLES		
037	MOTOR TRANSPORT MODIFICATIONS	11,392	11,392
038	JOINT LIGHT TACTICAL VEHICLE	607,011	676,011
	Optimize production profile		[69,000]
039	FAMILY OF TACTICAL TRAILERS	2,393	2,393
040	TRAILERS	6,540	6,540
	ENGINEER AND OTHER EQUIPMENT		
041	ENVIRONMENTAL CONTROL EQUIP ASSORT	496	496
042	TACTICAL FUEL SYSTEMS	54	54
043	POWER EQUIPMENT ASSORTED	21,062	21,062
044	AMPHIBIOUS SUPPORT EQUIPMENT	5,290	5,290
045	EOD SYSTEMS	47,854	47,854
	MATERIALS HANDLING EQUIPMENT		
046	PHYSICAL SECURITY EQUIPMENT	28,306	28,306

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2019 Request	House Authorized
	GENERAL PROPERTY		
047	FIELD MEDICAL EQUIPMENT	33,513	33,513
048	TRAINING DEVICES	52,040	52,040
049	FAMILY OF CONSTRUCTION EQUIPMENT	36,156	39,656
	GPS Grade Control Systems (GCS) and Survey Sets		[3,500]
050	FAMILY OF INTERNALLY TRANSPORTABLE VEH (ITV)	606	606
	OTHER SUPPORT		
051	ITEMS LESS THAN $5 MILLION	11,608	11,608
	SPARES AND REPAIR PARTS		
053	SPARES AND REPAIR PARTS	25,804	25,804
	TOTAL PROCUREMENT, MARINE CORPS	**2,860,410**	**2,880,310**
	AIRCRAFT PROCUREMENT, AIR FORCE		
	TACTICAL FORCES		
001	F–35	4,261,021	4,177,681
	Production Efficiences		[–83,340]
002	ADVANCE PROCUREMENT (CY)	406,000	406,000
	OTHER COMBAT AIRCRAFT		
003	C–135B	222,176	0
	Ahead of need		[–222,176]
	TACTICAL AIRLIFT		
004	C–130J	35,858	35,858
005	KC–46A TANKER	2,559,911	2,010,911
	Forward financed in the FY18 Omnibus—three aircraft		[–499,000]
	Interim contractor support early to need		[–50,000]
	OTHER AIRLIFT		
007	HC–130J	129,437	129,437
009	MC–130J	770,201	670,201
	Interim supply support costs unjustified growth		[–100,000]
010	ADVANCE PROCUREMENT (CY)	218,000	218,000
	HELICOPTERS		
012	COMBAT RESCUE HELICOPTER	680,201	680,201
	MISSION SUPPORT AIRCRAFT		
014	CIVIL AIR PATROL A/C	2,719	2,719
	OTHER AIRCRAFT		
015	TARGET DRONES	139,053	139,053
016	COMPASS CALL MODS	108,113	108,113
018	MQ–9	221,707	264,507
	Program increase		[42,800]
	STRATEGIC AIRCRAFT		
020	B–2A	60,301	37,301
	MOP modifications excess to need		[–23,000]
021	B–1B	51,290	51,290
022	B–52	105,519	90,819
	Technical adjustment (move to R–173)		[–14,700]
	TACTICAL AIRCRAFT		
024	A–10	98,720	163,720
	Additional A–10 wing replacements		[65,000]
025	C–130J	10,831	10,831
026	F–15	548,109	548,109
027	F–16	324,312	324,312
028	F–16	11	11
029	F–22A	250,710	250,710
031	F–35 MODIFICATIONS	247,271	247,271
032	F–15 EPAW	147,685	214,885
	Eagle Passive Active Warning and Survivability System (EPAWSS)		[67,200]
033	INCREMENT 3.2B	9,007	9,007
035	KC–46A TANKER	8,547	8,547
	AIRLIFT AIRCRAFT		
036	C–5	77,845	77,845
038	C–17A	102,121	102,121
039	C–21	17,516	17,516
040	C–32A	4,537	4,537
041	C–37A	419	419
	TRAINER AIRCRAFT		
043	GLIDER MODS	137	137
044	T–6	22,550	22,550
045	T–1	21,952	21,952
046	T–38	70,623	70,623
	OTHER AIRCRAFT		
047	U–2 MODS	48,774	48,774
048	KC–10A (ATCA)	11,104	11,104
049	C–12	4,900	4,900
050	VC–25A MOD	36,938	36,938
051	C–40	251	251
052	C–130	22,094	151,094
	Program Increase--eight blade propeller upgrade (88 kits)		[55,000]
	Program Increase--engine enhancement program (88 kits)		[74,000]

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2019 Request	House Authorized
053	C–130J MODS	132,045	132,045
054	C–135	113,076	113,076
055	OC–135B	5,913	5,913
056	COMPASS CALL MODS	49,885	49,885
057	COMBAT FLIGHT INSPECTION (CFIN)	499	499
058	RC–135	394,532	394,532
059	E–3	133,906	133,906
060	E–4	67,858	67,858
061	E–8	9,919	9,919
062	AIRBORNE WARNING AND CNTR SYS (AWACS) 40/45	57,780	57,780
063	FAMILY OF BEYOND LINE-OF-SIGHT TERMINALS	14,293	14,293
064	H–1	2,940	2,940
065	H–60	55,466	55,466
066	RQ–4 MODS	23,715	128,715
	EQ–4 BACN aircraft increase		[105,000]
067	HC/MC–130 MODIFICATIONS	37,754	37,754
068	OTHER AIRCRAFT	62,010	62,010
069	MQ–9 MODS	171,548	171,548
071	CV–22 MODS	60,416	60,416
	AIRCRAFT SPARES AND REPAIR PARTS		
072	INITIAL SPARES/REPAIR PARTS	956,408	1,016,408
	F–35A Spares		[60,000]
	COMMON SUPPORT EQUIPMENT		
073	AIRCRAFT REPLACEMENT SUPPORT EQUIP	81,241	81,241
	POST PRODUCTION SUPPORT		
076	B–2A	1,763	1,763
077	B–2B	35,861	35,861
078	B–52	12,819	12,819
079	C–17A	10,114	10,114
081	F–15	2,545	2,545
083	F–16	11,718	7,718
	F–16 Line Shutdown		[–4,000]
084	F–22A	14,489	14,489
085	OTHER AIRCRAFT	9,928	9,928
086	RQ–4 POST PRODUCTION CHARGES	40,641	3,341
	RQ–4 Post Production Support		[–37,300]
	INDUSTRIAL PREPAREDNESS		
088	INDUSTRIAL RESPONSIVENESS	17,378	17,378
	WAR CONSUMABLES		
090	WAR CONSUMABLES	29,342	29,342
	OTHER PRODUCTION CHARGES		
091	OTHER PRODUCTION CHARGES	1,502,386	1,393,386
	Classified program adjustment		[–109,000]
	CLASSIFIED PROGRAMS		
095	CLASSIFIED PROGRAMS	28,278	28,278
	TOTAL AIRCRAFT PROCUREMENT, AIR FORCE	**16,206,937**	**15,533,421**
	MISSILE PROCUREMENT, AIR FORCE		
	MISSILE REPLACEMENT EQUIPMENT—BALLISTIC		
001	MISSILE REPLACEMENT EQ-BALLISTIC	36,786	36,786
	TACTICAL		
002	JOINT AIR-SURFACE STANDOFF MISSILE	430,708	430,708
003	LRASM0	44,185	44,185
004	SIDEWINDER (AIM–9X)	121,253	121,253
005	AMRAAM	337,886	337,886
006	PREDATOR HELLFIRE MISSILE	113,765	113,765
007	SMALL DIAMETER BOMB	105,034	105,034
008	SMALL DIAMETER BOMB II	100,861	100,861
	INDUSTRIAL FACILITIES		
009	INDUSTR'L PREPAREDNS/POL PREVENTION	787	787
	CLASS IV		
010	ICBM FUZE MOD	15,767	15,767
011	ADVANCE PROCUREMENT (CY)	4,100	4,100
012	MM III MODIFICATIONS	129,199	129,199
013	AGM–65D MAVERICK	288	288
014	AIR LAUNCH CRUISE MISSILE (ALCM)	47,632	47,632
	MISSILE SPARES AND REPAIR PARTS		
016	REPLEN SPARES/REPAIR PARTS	97,481	97,481
	SPECIAL PROGRAMS		
018	SPECIAL UPDATE PROGRAMS	188,539	188,539
	CLASSIFIED PROGRAMS		
019	CLASSIFIED PROGRAMS	895,183	895,183
	TOTAL MISSILE PROCUREMENT, AIR FORCE	**2,669,454**	**2,669,454**
	SPACE PROCUREMENT, AIR FORCE		
	SPACE PROGRAMS		
001	ADVANCED EHF	29,829	29,829
002	AF SATELLITE COMM SYSTEM	35,400	35,400

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2019 Request	House Authorized
003	COUNTERSPACE SYSTEMS	1,121	1,121
004	FAMILY OF BEYOND LINE-OF-SIGHT TERMINALS	27,867	27,867
005	WIDEBAND GAPFILLER SATELLITES(SPACE)	61,606	61,606
006	GENERAL INFORMATION TECH—SPACE	3,425	3,425
007	GPS III SPACE SEGMENT	69,386	74,386
	GPS backup technology demonstration		[5,000]
008	GLOBAL POSTIONING (SPACE)	2,181	2,181
009	INTEG BROADCAST SERV	16,445	16,445
010	SPACEBORNE EQUIP (COMSEC)	31,895	31,895
012	MILSATCOM	11,265	11,265
013	EVOLVED EXPENDABLE LAUNCH CAPABILITY	709,981	709,981
014	EVOLVED EXPENDABLE LAUNCH VEH(SPACE)	994,555	994,555
015	SBIR HIGH (SPACE)	138,397	138,397
017	NUDET DETECTION SYSTEM	7,705	7,705
018	ROCKET SYSTEMS LAUNCH PROGRAM	47,609	47,609
019	SPACE FENCE	51,361	51,361
020	SPACE MODS	148,065	148,065
021	SPACELIFT RANGE SYSTEM SPACE	117,637	117,637
	SSPARES		
022	SPARES AND REPAIR PARTS	21,812	21,812
	TOTAL SPACE PROCUREMENT, AIR FORCE	**2,527,542**	**2,532,542**
	PROCUREMENT OF AMMUNITION, AIR FORCE		
	ROCKETS		
001	ROCKETS	345,911	345,911
	CARTRIDGES		
002	CARTRIDGES	163,840	163,840
	BOMBS		
003	PRACTICE BOMBS	20,876	20,876
004	GENERAL PURPOSE BOMBS	259,308	259,308
005	MASSIVE ORDNANCE PENETRATOR (MOP)	38,111	38,111
006	JOINT DIRECT ATTACK MUNITION	234,198	234,198
007	B61	109,292	109,292
008	ADVANCE PROCUREMENT (CY)	52,731	52,731
	OTHER ITEMS		
009	CAD/PAD	51,455	51,455
010	EXPLOSIVE ORDNANCE DISPOSAL (EOD)	6,038	6,038
011	SPARES AND REPAIR PARTS	524	524
012	MODIFICATIONS	1,270	1,270
013	ITEMS LESS THAN $5,000,000	4,604	4,604
	FLARES		
015	FLARES	125,286	125,286
	FUZES		
016	FUZES	109,358	109,358
	SMALL ARMS		
017	SMALL ARMS	64,502	59,502
	Program decrease		[–5,000]
	TOTAL PROCUREMENT OF AMMUNITION, AIR FORCE	**1,587,304**	**1,582,304**
	OTHER PROCUREMENT, AIR FORCE		
	PASSENGER CARRYING VEHICLES		
001	PASSENGER CARRYING VEHICLES	6,949	3,449
	Forward financed in the FY18 Omnibus		[–3,500]
	CARGO AND UTILITY VEHICLES		
002	MEDIUM TACTICAL VEHICLE	36,002	18,002
	Forward financed in the FY18 Omnibus		[–18,000]
003	CAP VEHICLES	1,022	1,022
004	CARGO AND UTILITY VEHICLES	42,696	21,696
	Forward financed in the FY18 Omnibus		[–21,000]
	SPECIAL PURPOSE VEHICLES		
005	JOINT LIGHT TACTICAL VEHICLE	30,145	30,145
006	SECURITY AND TACTICAL VEHICLES	1,230	1,230
007	SPECIAL PURPOSE VEHICLES	43,003	22,003
	Forward financed in the FY18 Omnibus		[–21,000]
	FIRE FIGHTING EQUIPMENT		
008	FIRE FIGHTING/CRASH RESCUE VEHICLES	23,328	23,328
	MATERIALS HANDLING EQUIPMENT		
009	MATERIALS HANDLING VEHICLES	11,537	11,537
	BASE MAINTENANCE SUPPORT		
010	RUNWAY SNOW REMOV AND CLEANING EQU	37,600	37,600
011	BASE MAINTENANCE SUPPORT VEHICLES	104,923	52,923
	Forward financed in the FY18 Omnibus		[–52,000]
	COMM SECURITY EQUIPMENT(COMSEC)		
012	COMSEC EQUIPMENT	114,372	114,372
	INTELLIGENCE PROGRAMS		
013	INTERNATIONAL INTEL TECH & ARCHITECTURES	8,290	8,290
014	INTELLIGENCE TRAINING EQUIPMENT	2,099	2,099
015	INTELLIGENCE COMM EQUIPMENT	37,415	37,415

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2019 Request	House Authorized
	ELECTRONICS PROGRAMS		
016	AIR TRAFFIC CONTROL & LANDING SYS	57,937	14,387
	D-RAPCON Cost Growth		[–43,550]
018	BATTLE CONTROL SYSTEM—FIXED	3,012	3,012
019	THEATER AIR CONTROL SYS IMPROVEMEN	19,989	19,989
020	WEATHER OBSERVATION FORECAST	45,020	45,020
021	STRATEGIC COMMAND AND CONTROL	32,836	32,836
022	CHEYENNE MOUNTAIN COMPLEX	12,454	12,454
023	MISSION PLANNING SYSTEMS	14,263	14,263
025	INTEGRATED STRAT PLAN & ANALY NETWORK (ISPAN)	7,769	7,769
	SPCL COMM-ELECTRONICS PROJECTS		
026	GENERAL INFORMATION TECHNOLOGY	40,450	40,450
027	AF GLOBAL COMMAND & CONTROL SYS	6,619	6,619
028	MOBILITY COMMAND AND CONTROL	10,192	10,192
029	AIR FORCE PHYSICAL SECURITY SYSTEM	159,313	143,413
	Underexecution		[–15,900]
030	COMBAT TRAINING RANGES	132,675	132,675
031	MINIMUM ESSENTIAL EMERGENCY COMM N	140,875	140,875
032	WIDE AREA SURVEILLANCE (WAS)	92,104	92,104
033	C3 COUNTERMEASURES	45,152	45,152
034	GCSS-AF FOS	483	483
035	DEFENSE ENTERPRISE ACCOUNTING & MGT SYS	802	802
036	MAINTENANCE REPAIR & OVERHAUL INITIATIVE	12,207	12,207
037	THEATER BATTLE MGT C2 SYSTEM	7,644	7,644
038	AIR & SPACE OPERATIONS CENTER (AOC)	40,066	40,066
	AIR FORCE COMMUNICATIONS		
041	BASE INFORMATION TRANSPT INFRAST (BITI) WIRED	22,357	22,357
042	AFNET	102,836	102,836
043	JOINT COMMUNICATIONS SUPPORT ELEMENT (JCSE)	3,145	3,145
044	USCENTCOM	13,194	13,194
	ORGANIZATION AND BASE		
045	TACTICAL C-E EQUIPMENT	161,231	161,231
047	RADIO EQUIPMENT	12,142	12,142
048	CCTV/AUDIOVISUAL EQUIPMENT	6,505	6,505
049	BASE COMM INFRASTRUCTURE	169,404	169,404
	MODIFICATIONS		
050	COMM ELECT MODS	10,654	10,654
	PERSONAL SAFETY & RESCUE EQUIP		
051	PERSONAL SAFETY AND RESCUE EQUIPMENT	51,906	51,906
	DEPOT PLANT+MTRLS HANDLING EQ		
052	MECHANIZED MATERIAL HANDLING EQUIP	88,298	80,798
	Program reduction		[–7,500]
	BASE SUPPORT EQUIPMENT		
053	BASE PROCURED EQUIPMENT	17,031	22,031
	Civil Engineers Construction, Surveying, and Mapping Equipment		[5,000]
054	ENGINEERING AND EOD EQUIPMENT	82,635	82,635
055	MOBILITY EQUIPMENT	9,549	6,549
	Program reduction		[–3,000]
056	BASE MAINTENANCE AND SUPPORT EQUIPMENT	24,005	17,005
	Program reduction		[–7,000]
	SPECIAL SUPPORT PROJECTS		
058	DARP RC135	26,262	26,262
059	DCGS-AF	448,290	400,490
	Forward financed in the FY18 Omnibus		[–35,000]
	Program decrease		[–12,800]
061	SPECIAL UPDATE PROGRAM	913,813	913,813
	CLASSIFIED PROGRAMS		
062	CLASSIFIED PROGRAMS	17,258,069	17,258,069
	SPARES AND REPAIR PARTS		
063	SPARES AND REPAIR PARTS	86,365	86,365
	TOTAL OTHER PROCUREMENT, AIR FORCE	**20,890,164**	**20,654,914**
	PROCUREMENT, DEFENSE-WIDE		
	MAJOR EQUIPMENT, OSD		
043	MAJOR EQUIPMENT, OSD	35,295	35,295
	MAJOR EQUIPMENT, NSA		
042	INFORMATION SYSTEMS SECURITY PROGRAM (ISSP)	5,403	5,403
	MAJOR EQUIPMENT, WHS		
046	MAJOR EQUIPMENT, WHS	497	497
	MAJOR EQUIPMENT, DISA		
007	INFORMATION SYSTEMS SECURITY	21,590	21,590
008	TELEPORT PROGRAM	33,905	33,905
009	ITEMS LESS THAN $5 MILLION	27,886	27,886
010	NET CENTRIC ENTERPRISE SERVICES (NCES)	1,017	1,017
011	DEFENSE INFORMATION SYSTEM NETWORK	150,674	150,674
013	WHITE HOUSE COMMUNICATION AGENCY	94,610	94,610
014	SENIOR LEADERSHIP ENTERPRISE	197,246	197,246
015	JOINT REGIONAL SECURITY STACKS (JRSS)	140,338	140,338

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2019 Request	House Authorized
016	JOINT SERVICE PROVIDER	107,182	107,182
	MAJOR EQUIPMENT, DLA		
018	MAJOR EQUIPMENT	5,225	5,225
	MAJOR EQUIPMENT, DSS		
021	MAJOR EQUIPMENT	1,196	1,196
	MAJOR EQUIPMENT, DCAA		
001	ITEMS LESS THAN $5 MILLION	2,542	2,542
	MAJOR EQUIPMENT, TJS		
044	MAJOR EQUIPMENT, TJS	4,360	4,360
045	MAJOR EQUIPMENT, TJS—CE2T2	904	904
	MAJOR EQUIPMENT, MISSILE DEFENSE AGENCY		
026	THAAD	874,068	874,068
027	GROUND BASED MIDCOURSE	409,000	409,000
028	ADVANCE PROCUREMENT (CY)	115,000	115,000
029	AEGIS BMD	593,488	593,488
030	ADVANCE PROCUREMENT (CY)	115,206	115,206
031	BMDS AN/TPY–2 RADARS	13,185	13,185
032	ISRAELI PROGRAMS	80,000	80,000
033	SHORT RANGE BALLISTIC MISSILE DEFENSE (SRBMD)	50,000	50,000
034	AEGIS ASHORE PHASE III	15,000	15,000
035	IRON DOME	70,000	70,000
036	AEGIS BMD HARDWARE AND SOFTWARE	97,057	97,057
	MAJOR EQUIPMENT, DHRA		
003	PERSONNEL ADMINISTRATION	10,630	10,630
	MAJOR EQUIPMENT, DEFENSE THREAT REDUCTION AGENCY		
023	VEHICLES	207	207
024	OTHER MAJOR EQUIPMENT	5,592	5,592
	MAJOR EQUIPMENT, DODEA		
020	AUTOMATION/EDUCATIONAL SUPPORT & LOGISTICS	1,723	1,723
	MAJOR EQUIPMENT, DCMA		
002	MAJOR EQUIPMENT	3,873	3,873
	MAJOR EQUIPMENT, DMACT		
019	MAJOR EQUIPMENT	13,106	13,106
	CLASSIFIED PROGRAMS		
046A	CLASSIFIED PROGRAMS	589,691	589,691
	AVIATION PROGRAMS		
050	ROTARY WING UPGRADES AND SUSTAINMENT	148,351	148,351
051	UNMANNED ISR	57,708	57,708
052	NON-STANDARD AVIATION	18,731	18,731
053	U–28	32,301	32,301
054	MH–47 CHINOOK	131,033	131,033
055	CV–22 MODIFICATION	32,529	32,529
056	MQ–9 UNMANNED AERIAL VEHICLE	24,621	24,621
057	PRECISION STRIKE PACKAGE	226,965	226,965
058	AC/MC–130J	165,813	165,813
059	C–130 MODIFICATIONS	80,274	80,274
	SHIPBUILDING		
060	UNDERWATER SYSTEMS	136,723	136,723
	AMMUNITION PROGRAMS		
061	ORDNANCE ITEMS <$5M	357,742	357,742
	OTHER PROCUREMENT PROGRAMS		
062	INTELLIGENCE SYSTEMS	85,699	85,699
063	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	17,863	17,863
064	OTHER ITEMS <$5M	112,117	112,117
065	COMBATANT CRAFT SYSTEMS	7,313	7,313
066	SPECIAL PROGRAMS	14,026	14,026
067	TACTICAL VEHICLES	88,608	88,608
068	WARRIOR SYSTEMS <$5M	438,590	433,390
	Link 16 handheld radios for USSOCOM		[12,800]
	SAT Deployable Node		[–18,000]
069	COMBAT MISSION REQUIREMENTS	19,408	19,408
070	GLOBAL VIDEO SURVEILLANCE ACTIVITIES	6,281	6,281
071	OPERATIONAL ENHANCEMENTS INTELLIGENCE	18,509	18,509
073	OPERATIONAL ENHANCEMENTS	367,433	367,433
	CBDP		
074	CHEMICAL BIOLOGICAL SITUATIONAL AWARENESS	166,418	153,618
	Program decrease		[–12,800]
075	CB PROTECTION & HAZARD MITIGATION	144,519	144,519
	TOTAL PROCUREMENT, DEFENSE-WIDE	**6,786,271**	**6,768,271**
	JOINT URGENT OPERATIONAL NEEDS FUND		
	JOINT URGENT OPERATIONAL NEEDS FUND		
001	JOINT URGENT OPERATIONAL NEEDS FUND	100,025	0
	Program decrease		[–100,025]
	TOTAL JOINT URGENT OPERATIONAL NEEDS FUND	**100,025**	**0**
	TOTAL PROCUREMENT	**130,526,043**	**133,587,892**

SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS.

SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS
(In Thousands of Dollars)

Line	Item	FY 2019 Request	House Authorized
	AIRCRAFT PROCUREMENT, ARMY		
	FIXED WING		
003	MQ–1 UAV	60,000	60,000
	ROTARY		
011	UH–60 BLACKHAWK M MODEL (MYP)	21,246	21,246
014	CH–47 HELICOPTER	25,000	25,000
	MODIFICATION OF AIRCRAFT		
017	MQ–1 PAYLOAD (MIP)	11,400	11,400
019	GRAY EAGLE MODS2	32,000	32,000
020	MULTI SENSOR ABN RECON (MIP)	51,000	51,000
032	RQ–7 UAV MODS	50,868	0
	Realignment of EDI APS Unit Set from OCO to Base		[–50,868]
033	UAS MODS	3,402	0
	Realignment of EDI APS Unit Set from OCO to Base		[–3,402]
	GROUND SUPPORT AVIONICS		
036	CMWS	84,387	84,387
037	COMMON INFRARED COUNTERMEASURES (CIRCM)	24,060	24,060
	TOTAL AIRCRAFT PROCUREMENT, ARMY	**363,363**	**309,093**
	MISSILE PROCUREMENT, ARMY		
	SURFACE-TO-AIR MISSILE SYSTEM		
002	MSE MISSILE	260,000	0
	Realignment of EDI APS Unit Set from OCO to Base		[–260,000]
	AIR-TO-SURFACE MISSILE SYSTEM		
005	HELLFIRE SYS SUMMARY	255,040	255,040
	ANTI-TANK/ASSAULT MISSILE SYS		
008	JAVELIN (AAWS-M) SYSTEM SUMMARY	31,120	17,320
	Realignment of EDI APS Unit Set from OCO to Base		[–13,800]
011	GUIDED MLRS ROCKET (GMLRS)	624,500	624,500
013	HIGH MOBILITY ARTILLERY ROCKET SYSTEM (HIMARS	171,138	0
	Realignment of EDI APS Unit Set from OCO to Base		[–171,138]
014	LETHAL MINIATURE AERIAL MISSILE SYSTEM (LMAMS	112,973	112,973
	MODIFICATIONS		
016	ATACMS MODS	225,580	145,580
	Realignment of EDI APS Unit Set from OCO to Base		[–80,000]
021	MLRS MODS	122,000	0
	Realignment of EDI APS Unit Set from OCO to Base		[–122,000]
	TOTAL MISSILE PROCUREMENT, ARMY	**1,802,351**	**1,155,413**
	PROCUREMENT OF W&TCV, ARMY		
	TRACKED COMBAT VEHICLES		
001	BRADLEY PROGRAM	205,000	0
	Realignment of EDI APS Unit Set from OCO to Base		[–205,000]
002	ARMORED MULTI PURPOSE VEHICLE (AMPV)	230,359	0
	Realignment of EDI APS Unit Set from OCO to Base		[–230,359]
	MODIFICATION OF TRACKED COMBAT VEHICLES		
006	BRADLEY PROGRAM (MOD)	50,000	0
	Realignment of EDI APS Unit Set from OCO to Base		[–50,000]
008	PALADIN INTEGRATED MANAGEMENT (PIM)	67,000	0
	Realignment of EDI APS Unit Set from OCO to Base		[–67,000]
009	IMPROVED RECOVERY VEHICLE (M88A2 HERCULES)	42,354	0
	Realignment of EDI APS Unit Set from OCO to Base		[–42,354]
014	M1 ABRAMS TANK (MOD)	34,000	0
	Realignment of EDI APS Unit Set from OCO to Base		[–34,000]
015	ABRAMS UPGRADE PROGRAM	455,000	0
	Realignment of EDI APS Unit Set from OCO to Base		[–455,000]
	WEAPONS & OTHER COMBAT VEHICLES		
018	M240 MEDIUM MACHINE GUN (7.62MM)	126	0
	Realignment of EDI APS Unit Set from OCO to Base		[–126]
022	MORTAR SYSTEMS	11,842	11,662
	Realignment of EDI APS Unit Set from OCO to Base		[–180]
025	CARBINE	1,800	0
	Realignment of EDI APS Unit Set from OCO to Base		[–1,800]
027	COMMON REMOTELY OPERATED WEAPONS STATION	3,378	0
	Realignment of EDI APS Unit Set from OCO to Base		[–3,378]
	MOD OF WEAPONS AND OTHER COMBAT VEH		
032	M2 50 CAL MACHINE GUN MODS	4,920	0
	Realignment of EDI APS Unit Set from OCO to Base		[–4,920]
034	M240 MEDIUM MACHINE GUN MODS	7	0
	Realignment of EDI APS Unit Set from OCO to Base		[–7]
	SUPPORT EQUIPMENT & FACILITIES		
039	ITEMS LESS THAN $5.0M (WOCV-WTCV)	1,397	0
	Realignment of EDI APS Unit Set from OCO to Base		[–1,397]

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Line	Item	FY 2019 Request	House Authorized
	TOTAL PROCUREMENT OF W&TCV, ARMY	**1,107,183**	**11,662**
	PROCUREMENT OF AMMUNITION, ARMY		
	SMALL/MEDIUM CAL AMMUNITION		
001	CTG, 5.56MM, ALL TYPES	3,392	0
	Realignment of EDI APS Unit Set from OCO to Base		[–3,392]
002	CTG, 7.62MM, ALL TYPES	40	0
	Realignment of EDI APS Unit Set from OCO to Base		[–40]
003	CTG, HANDGUN, ALL TYPES	17	0
	Realignment of EDI APS Unit Set from OCO to Base		[–17]
004	CTG, .50 CAL, ALL TYPES	189	0
	Realignment of EDI APS Unit Set from OCO to Base		[–189]
005	CTG, 20MM, ALL TYPES	1,605	1,605
007	CTG, 30MM, ALL TYPES	25,000	0
	Realignment of EDI APS Unit Set from OCO to Base		[–25,000]
	MORTAR AMMUNITION		
009	60MM MORTAR, ALL TYPES	218	0
	Realignment of EDI APS Unit Set from OCO to Base		[–218]
010	81MM MORTAR, ALL TYPES	484	0
	Realignment of EDI APS Unit Set from OCO to Base		[–484]
	ARTILLERY AMMUNITION		
014	ARTILLERY PROJECTILE, 155MM, ALL TYPES	79,400	0
	Realignment of EDI APS Unit Set from OCO to Base		[–79,400]
015	PROJ 155MM EXTENDED RANGE M982	72,985	21,285
	Realignment of EDI APS Unit Set from OCO to Base		[–51,700]
016	ARTILLERY PROPELLANTS, FUZES AND PRIMERS, ALL	63,900	15,000
	Realignment of EDI APS Unit Set from OCO to Base		[–48,900]
	ROCKETS		
018	SHOULDER LAUNCHED MUNITIONS, ALL TYPES	22,242	20,000
	Realignment of EDI APS Unit Set from OCO to Base		[–2,242]
019	ROCKET, HYDRA 70, ALL TYPES	39,974	39,974
	OTHER AMMUNITION		
021	DEMOLITION MUNITIONS, ALL TYPES	5	0
	Realignment of EDI APS Unit Set from OCO to Base		[–5]
022	GRENADES, ALL TYPES	8	0
	Realignment of EDI APS Unit Set from OCO to Base		[–8]
	MISCELLANEOUS		
027	ITEMS LESS THAN $5 MILLION (AMMO)	66	0
	Realignment of EDI APS Unit Set from OCO to Base		[–66]
	TOTAL PROCUREMENT OF AMMUNITION, ARMY	**309,525**	**97,864**
	OTHER PROCUREMENT, ARMY		
	TACTICAL VEHICLES		
002	SEMITRAILERS, FLATBED:	8,000	0
	Realignment of EDI APS Unit Set from OCO to Base		[–8,000]
003	AMBULANCE, 4 LITTER, 5/4 TON, 4X4	20,770	0
	Realignment of EDI APS Unit Set from OCO to Base		[–20,770]
010	FAMILY OF HEAVY TACTICAL VEHICLES (FHTV)	115,400	0
	Realignment of EDI APS Unit Set from OCO to Base		[–115,400]
012	HVY EXPANDED MOBILE TACTICAL TRUCK EXT SERV	6,682	0
	Realignment of EDI APS Unit Set from OCO to Base		[–6,682]
013	TACTICAL WHEELED VEHICLE PROTECTION KITS	50,000	0
	Realignment of EDI APS Unit Set from OCO to Base		[–50,000]
014	MODIFICATION OF IN SVC EQUIP	186,377	186,000
	Realignment of EDI APS Unit Set from OCO to Base		[–377]
	COMM—SATELLITE COMMUNICATIONS		
028	TRANSPORTABLE TACTICAL COMMAND COMMUNICATIONS	7,100	7,100
	COMM—COMBAT COMMUNICATIONS		
037	JOINT TACTICAL RADIO SYSTEM	1,560	0
	Realignment of EDI APS Unit Set from OCO to Base		[–1,560]
042	TRACTOR RIDE	13,190	13,190
045	TACTICAL COMMUNICATIONS AND PROTECTIVE SYSTEM	9,549	9,549
047	COTS COMMUNICATIONS EQUIPMENT	22,000	0
	Realignment of EDI APS Unit Set from OCO to Base		[–22,000]
	COMM—INTELLIGENCE COMM		
050	CI AUTOMATION ARCHITECTURE (MIP)	9,800	9,800
	INFORMATION SECURITY		
055	COMMUNICATIONS SECURITY (COMSEC)	3	0
	Realignment of EDI APS Unit Set from OCO to Base		[–3]
	COMM—LONG HAUL COMMUNICATIONS		
059	BASE SUPPORT COMMUNICATIONS	690	690
	COMM—BASE COMMUNICATIONS		
060	INFORMATION SYSTEMS	8,750	8,750
063	INSTALLATION INFO INFRASTRUCTURE MOD PROGRAM	60,337	51,287
	Realignment of EDI APS Unit Set from OCO to Base		[–9,050]
	ELECT EQUIP—TACT INT REL ACT (TIARA)		
068	DCGS-A (MIP)	37,806	37,806
070	TROJAN (MIP)	6,926	6,326

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Line	Item	FY 2019 Request	House Authorized
	Realignment of EDI APS Unit Set from OCO to Base		*[–600]*
071	*MOD OF IN-SVC EQUIP (INTEL SPT) (MIP)*	*2,011*	*2,011*
075	*BIOMETRIC TACTICAL COLLECTION DEVICES (MIP)*	*5,370*	*5,370*
	ELECT EQUIP—ELECTRONIC WARFARE (EW)		
080	*CREW*	*42,651*	*42,651*
081	*FAMILY OF PERSISTENT SURVEILLANCE CAP. (MIP)*	*20,050*	*25,450*
	SOUTHCOM UFR: CENTAM Maritime Sensor		*[3,600]*
	SOUTHCOM UFR: SIGINT Suite COMSAT RF		*[1,800]*
082	*COUNTERINTELLIGENCE/SECURITY COUNTERMEASURES*	*12,974*	*12,974*
	ELECT EQUIP—TACTICAL SURV. (TAC SURV)		
085	*NIGHT VISION DEVICES*	*463*	*377*
	Realignment of EDI APS Unit Set from OCO to Base		*[–86]*
086	*LONG RANGE ADVANCED SCOUT SURVEILLANCE SYSTEM*	*2,861*	*0*
	Realignment of EDI APS Unit Set from OCO to Base		*[–2,861]*
087	*SMALL TACTICAL OPTICAL RIFLE MOUNTED MLRF*	*60*	*60*
088	*RADIATION MONITORING SYSTEMS*	*11*	*0*
	Realignment of EDI APS Unit Set from OCO to Base		*[–11]*
090	*INDIRECT FIRE PROTECTION FAMILY OF SYSTEMS*	*251,062*	*250,800*
	Realignment of EDI APS Unit Set from OCO to Base		*[–262]*
091	*FAMILY OF WEAPON SIGHTS (FWS)*	*525*	*0*
	Realignment of EDI APS Unit Set from OCO to Base		*[–525]*
094	*JOINT BATTLE COMMAND—PLATFORM (JBC-P)*	*26,146*	*0*
	Realignment of EDI APS Unit Set from OCO to Base		*[–26,146]*
096	*MOD OF IN-SVC EQUIP (LLDR)*	*4,050*	*0*
	Realignment of EDI APS Unit Set from OCO to Base		*[–4,050]*
097	*COMPUTER BALLISTICS: LHMBC XM32*	*960*	*960*
098	*MORTAR FIRE CONTROL SYSTEM*	*7,660*	*7,660*
099	*COUNTERFIRE RADARS*	*165,200*	*165,200*
	ELECT EQUIP—AUTOMATION		
112	*AUTOMATED DATA PROCESSING EQUIP*	*28,475*	*28,475*
	CHEMICAL DEFENSIVE EQUIPMENT		
121	*PROTECTIVE SYSTEMS*	*27*	*0*
	Realignment of EDI APS Unit Set from OCO to Base		*[–27]*
122	*FAMILY OF NON-LETHAL EQUIPMENT (FNLE)*	*20,200*	*20,200*
123	*BASE DEFENSE SYSTEMS (BDS)*	*39,200*	*39,200*
124	*CBRN DEFENSE*	*2,317*	*2,000*
	Realignment of EDI APS Unit Set from OCO to Base		*[–317]*
	ENGINEER (NON-CONSTRUCTION) EQUIPMENT		
129	*GRND STANDOFF MINE DETECTN SYSM (GSTAMIDS)*	*16,000*	*16,000*
130	*AREA MINE DETECTION SYSTEM (AMDS)*	*1*	*0*
	Realignment of EDI APS Unit Set from OCO to Base		*[–1]*
132	*ROBOTIC COMBAT SUPPORT SYSTEM (RCSS)*	*4,850*	*4,850*
136	*REMOTE DEMOLITION SYSTEMS*	*1*	*0*
	Realignment of EDI APS Unit Set from OCO to Base		*[–1]*
	COMBAT SERVICE SUPPORT EQUIPMENT		
139	*HEATERS AND ECU'S*	*270*	*270*
141	*PERSONNEL RECOVERY SUPPORT SYSTEM (PRSS)*	*4,300*	*4,300*
142	*GROUND SOLDIER SYSTEM*	*1,725*	*1,725*
144	*FORCE PROVIDER*	*55,800*	*55,800*
145	*FIELD FEEDING EQUIPMENT*	*1,035*	*1,035*
146	*CARGO AERIAL DEL & PERSONNEL PARACHUTE SYSTEM*	*1,980*	*1,980*
	MEDICAL EQUIPMENT		
151	*COMBAT SUPPORT MEDICAL*	*17,527*	*17,527*
	MAINTENANCE EQUIPMENT		
153	*ITEMS LESS THAN $5.0M (MAINT EQ)*	*268*	*0*
	Realignment of EDI APS Unit Set from OCO to Base		*[–268]*
	CONSTRUCTION EQUIPMENT		
159	*HIGH MOBILITY ENGINEER EXCAVATOR (HMEE)*	*25,700*	*25,700*
	GENERATORS		
165	*GENERATORS AND ASSOCIATED EQUIP*	*569*	*569*
	TEST MEASURE AND DIG EQUIPMENT (TMD)		
174	*INTEGRATED FAMILY OF TEST EQUIPMENT (IFTE)*	*9,495*	*0*
	Realignment of EDI APS Unit Set from OCO to Base		*[–9,495]*
	OTHER SUPPORT EQUIPMENT		
176	*M25 STABILIZED BINOCULAR*	*33*	*0*
	Realignment of EDI APS Unit Set from OCO to Base		*[–33]*
177	*RAPID EQUIPPING SOLDIER SUPPORT EQUIPMENT*	*18,000*	*18,000*
178	*PHYSICAL SECURITY SYSTEMS (OPA3)*	*6,000*	*6,000*
179	*BASE LEVEL COMMON EQUIPMENT*	*2,080*	*2,080*
180	*MODIFICATION OF IN-SVC EQUIPMENT (OPA–3)*	*19,200*	*19,200*
	TOTAL OTHER PROCUREMENT, ARMY	***1,382,047***	***1,108,922***
	AIRCRAFT PROCUREMENT, NAVY		
	OTHER AIRCRAFT		
025	*STUASL0 UAV*	*35,065*	*35,065*
	MODIFICATION OF AIRCRAFT		
032	*SH–60 SERIES*	*4,858*	*4,858*
034	*EP–3 SERIES*	*5,380*	*5,380*

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Line	Item	FY 2019 Request	House Authorized
044	SPECIAL PROJECT AIRCRAFT	2,165	2,165
049	COMMON ECM EQUIPMENT	9,820	9,820
051	COMMON DEFENSIVE WEAPON SYSTEM	3,206	3,206
061	QRC	2,410	2,410
063	RQ–21 SERIES	17,215	17,215
	TOTAL AIRCRAFT PROCUREMENT, NAVY	**80,119**	**80,119**
	WEAPONS PROCUREMENT, NAVY		
	TACTICAL MISSILES		
004	AMRAAM	1,183	1,183
005	SIDEWINDER	381	381
012	HELLFIRE	1,530	1,530
015	AERIAL TARGETS	6,500	6,500
	GUNS AND GUN MOUNTS		
035	SMALL ARMS AND WEAPONS	1,540	1,540
	MODIFICATION OF GUNS AND GUN MOUNTS		
038	GUN MOUNT MODS	3,000	3,000
	TOTAL WEAPONS PROCUREMENT, NAVY	**14,134**	**14,134**
	PROCUREMENT OF AMMO, NAVY & MC		
	NAVY AMMUNITION		
001	GENERAL PURPOSE BOMBS	62,530	62,530
002	JDAM	93,019	93,019
003	AIRBORNE ROCKETS, ALL TYPES	2,163	2,163
004	MACHINE GUN AMMUNITION	5,000	5,000
006	CARTRIDGES & CART ACTUATED DEVICES	5,334	5,334
007	AIR EXPENDABLE COUNTERMEASURES	36,580	36,580
008	JATOS	747	747
011	OTHER SHIP GUN AMMUNITION	2,538	2,538
013	PYROTECHNIC AND DEMOLITION	1,807	1,807
015	AMMUNITION LESS THAN $5 MILLION	2,229	2,229
	MARINE CORPS AMMUNITION		
019	MORTARS	2,018	2,018
021	DIRECT SUPPORT MUNITIONS	632	632
022	INFANTRY WEAPONS AMMUNITION	779	779
026	COMBAT SUPPORT MUNITIONS	164	164
029	ARTILLERY MUNITIONS	31,001	31,001
	TOTAL PROCUREMENT OF AMMO, NAVY & MC	**246,541**	**246,541**
	OTHER PROCUREMENT, NAVY		
	OTHER SHIPBOARD EQUIPMENT		
021	UNDERWATER EOD PROGRAMS	9,200	9,200
	SMALL BOATS		
028	STANDARD BOATS	19,060	19,060
	ASW ELECTRONIC EQUIPMENT		
043	FIXED SURVEILLANCE SYSTEM	56,950	56,950
	SATELLITE COMMUNICATIONS		
077	SATELLITE COMMUNICATIONS SYSTEMS	3,200	3,200
	CRYPTOLOGIC EQUIPMENT		
082	CRYPTOLOGIC COMMUNICATIONS EQUIP	2,000	2,000
	SONOBUOYS		
088	SONOBUOYS—ALL TYPES	21,156	21,156
	OTHER ORDNANCE SUPPORT EQUIPMENT		
104	EXPLOSIVE ORDNANCE DISPOSAL EQUIP	33,580	33,580
	CIVIL ENGINEERING SUPPORT EQUIPMENT		
108	PASSENGER CARRYING VEHICLES	170	170
109	GENERAL PURPOSE TRUCKS	400	400
111	FIRE FIGHTING EQUIPMENT	770	770
112	TACTICAL VEHICLES	7,298	7,298
	SUPPLY SUPPORT EQUIPMENT		
118	FIRST DESTINATION TRANSPORTATION	500	500
	COMMAND SUPPORT EQUIPMENT		
123	MEDICAL SUPPORT EQUIPMENT	6,500	6,500
128	ENVIRONMENTAL SUPPORT EQUIPMENT	2,200	2,200
129	PHYSICAL SECURITY EQUIPMENT	19,389	19,389
	CLASSIFIED PROGRAMS		
133A	CLASSIFIED PROGRAMS	4,800	4,800
	TOTAL OTHER PROCUREMENT, NAVY	**187,173**	**187,173**
	PROCUREMENT, MARINE CORPS		
	INTELL/COMM EQUIPMENT (NON-TEL)		
022	FIRE SUPPORT SYSTEM	5,583	5,583
	TACTICAL VEHICLES		
037	MOTOR TRANSPORT MODIFICATIONS	44,440	44,440
	ENGINEER AND OTHER EQUIPMENT		
045	EOD SYSTEMS	8,000	8,000
	TOTAL PROCUREMENT, MARINE CORPS	**58,023**	**58,023**

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Line	Item	FY 2019 Request	House Authorized
	AIRCRAFT PROCUREMENT, AIR FORCE		
	OTHER AIRLIFT		
007	HC–130J	100,000	100,000
	OTHER AIRCRAFT		
018	MQ–9	339,740	147,040
	Excess attrition aircraft		[–192,700]
019	RQ–20B PUMA	13,500	13,500
	STRATEGIC AIRCRAFT		
021	B–1B	4,000	4,000
023	LARGE AIRCRAFT INFRARED COUNTERMEASURES	149,778	149,778
	TACTICAL AIRCRAFT		
024	A–10	10,350	10,350
	OTHER AIRCRAFT		
047	U–2 MODS	7,900	7,900
056	COMPASS CALL MODS	36,400	36,400
061	E–8	13,000	13,000
065	H–60	40,560	40,560
067	HC/MC–130 MODIFICATIONS	87,900	87,900
068	OTHER AIRCRAFT	53,731	53,731
070	MQ–9 UAS PAYLOADS	16,000	16,000
	AIRCRAFT SPARES AND REPAIR PARTS		
072	INITIAL SPARES/REPAIR PARTS	91,500	91,500
	COMMON SUPPORT EQUIPMENT		
073	AIRCRAFT REPLACEMENT SUPPORT EQUIP	32,529	32,529
074	OTHER PRODUCTION CHARGES	22,000	22,000
	TOTAL AIRCRAFT PROCUREMENT, AIR FORCE	**1,018,888**	**826,188**
	MISSILE PROCUREMENT, AIR FORCE		
	TACTICAL		
002	JOINT AIR-SURFACE STANDOFF MISSILE	61,600	61,600
005	AMRAAM	2,600	2,600
006	PREDATOR HELLFIRE MISSILE	255,000	255,000
007	SMALL DIAMETER BOMB	140,724	140,724
	CLASS IV		
013	AGM–65D MAVERICK	33,602	33,602
	TOTAL MISSILE PROCUREMENT, AIR FORCE	**493,526**	**493,526**
	PROCUREMENT OF AMMUNITION, AIR FORCE		
	CARTRIDGES		
002	CARTRIDGES	29,587	29,587
	BOMBS		
004	GENERAL PURPOSE BOMBS	551,862	551,862
006	JOINT DIRECT ATTACK MUNITION	738,451	738,451
	FLARES		
015	FLARES	12,116	12,116
	FUZES		
016	FUZES	81,000	81,000
	SMALL ARMS		
017	SMALL ARMS	8,500	8,500
	TOTAL PROCUREMENT OF AMMUNITION, AIR FORCE	**1,421,516**	**1,421,516**
	OTHER PROCUREMENT, AIR FORCE		
	PASSENGER CARRYING VEHICLES		
001	PASSENGER CARRYING VEHICLES	9,680	9,680
	CARGO AND UTILITY VEHICLES		
002	MEDIUM TACTICAL VEHICLE	9,680	9,680
004	CARGO AND UTILITY VEHICLES	19,680	19,680
	SPECIAL PURPOSE VEHICLES		
006	SECURITY AND TACTICAL VEHICLES	24,880	24,880
007	SPECIAL PURPOSE VEHICLES	34,680	34,680
	FIRE FIGHTING EQUIPMENT		
008	FIRE FIGHTING/CRASH RESCUE VEHICLES	9,736	9,736
	MATERIALS HANDLING EQUIPMENT		
009	MATERIALS HANDLING VEHICLES	24,680	24,680
	BASE MAINTENANCE SUPPORT		
010	RUNWAY SNOW REMOV AND CLEANING EQU	9,680	9,680
011	BASE MAINTENANCE SUPPORT VEHICLES	9,680	9,680
	INTELLIGENCE PROGRAMS		
015	INTELLIGENCE COMM EQUIPMENT	6,156	6,156
	ELECTRONICS PROGRAMS		
016	AIR TRAFFIC CONTROL & LANDING SYS	56,884	56,884
	SPCL COMM-ELECTRONICS PROJECTS		
029	AIR FORCE PHYSICAL SECURITY SYSTEM	46,236	46,236
037	THEATER BATTLE MGT C2 SYSTEM	2,500	2,500
	ORGANIZATION AND BASE		
045	TACTICAL C-E EQUIPMENT	27,911	27,911
	PERSONAL SAFETY & RESCUE EQUIP		
051	PERSONAL SAFETY AND RESCUE EQUIPMENT	13,600	13,600

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Line	Item	FY 2019 Request	House Authorized
	BASE SUPPORT EQUIPMENT		
053	BASE PROCURED EQUIPMENT	28,800	28,800
054	ENGINEERING AND EOD EQUIPMENT	53,500	53,500
055	MOBILITY EQUIPMENT	78,562	78,562
056	BASE MAINTENANCE AND SUPPORT EQUIPMENT	28,055	28,055
	SPECIAL SUPPORT PROJECTS		
059	DCGS-AF	2,000	2,000
	CLASSIFIED PROGRAMS		
062	CLASSIFIED PROGRAMS	3,229,364	3,229,364
	TOTAL OTHER PROCUREMENT, AIR FORCE	**3,725,944**	**3,725,944**
	PROCUREMENT, DEFENSE-WIDE		
	MAJOR EQUIPMENT, DISA		
008	TELEPORT PROGRAM	3,800	3,800
017	DEFENSE INFORMATION SYSTEMS NETWORK	12,000	12,000
	MAJOR EQUIPMENT, DEFENSE THREAT REDUCTION AGENCY		
025	COUNTER IED & IMPROVISED THREAT TECHNOLOGIES	5,534	5,534
	CLASSIFIED PROGRAMS		
046A	CLASSIFIED PROGRAMS	41,559	41,559
	AVIATION PROGRAMS		
047	MANNED ISR	5,000	5,000
048	MC–12	5,000	5,000
049	MH–60 BLACKHAWK	27,600	27,600
051	UNMANNED ISR	17,000	17,000
052	NON-STANDARD AVIATION	13,000	13,000
053	U–28	51,722	51,722
054	MH–47 CHINOOK	36,500	36,500
	AMMUNITION PROGRAMS		
061	ORDNANCE ITEMS <$5M	100,850	100,850
	OTHER PROCUREMENT PROGRAMS		
062	INTELLIGENCE SYSTEMS	16,500	16,500
064	OTHER ITEMS <$5M	7,700	7,700
067	TACTICAL VEHICLES	59,891	59,891
068	WARRIOR SYSTEMS <$5M	21,135	21,135
069	COMBAT MISSION REQUIREMENTS	10,000	10,000
071	OPERATIONAL ENHANCEMENTS INTELLIGENCE	10,805	10,805
073	OPERATIONAL ENHANCEMENTS	126,539	126,539
	TOTAL PROCUREMENT, DEFENSE-WIDE	**572,135**	**572,135**
	NATIONAL GUARD AND RESERVE EQUIPMENT		
	UNDISTRIBUTED		
007	UNDISTRIBUTED		150,000
	Program increase		[150,000]
	TOTAL NATIONAL GUARD AND RESERVE EQUIPMENT		**150,000**
	TOTAL PROCUREMENT	**12,782,468**	**10,458,253**

TITLE XLII—RESEARCH, DEVELOPMENT, TEST, AND EVALUATION

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION.

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2019 Request	House Authorized
		RESEARCH, DEVELOPMENT, TEST & EVAL, ARMY		
		BASIC RESEARCH		
001	0601101A	IN-HOUSE LABORATORY INDEPENDENT RESEARCH	11,585	11,585
002	0601102A	DEFENSE RESEARCH SCIENCES	276,912	276,912
003	0601103A	UNIVERSITY RESEARCH INITIATIVES	65,283	65,283
004	0601104A	UNIVERSITY AND INDUSTRY RESEARCH CENTERS	92,115	92,115
		SUBTOTAL BASIC RESEARCH	**445,895**	**445,895**
		APPLIED RESEARCH		

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2019 Request	House Authorized
005	0602105A	MATERIALS TECHNOLOGY	28,600	29,600
		Conformal batteries and composite armor		[1,000]
006	0602120A	SENSORS AND ELECTRONIC SURVIVABILITY	32,366	36,366
		Expand Army Research lab Open Campus project		[4,000]
007	0602122A	TRACTOR HIP	8,674	8,674
008	0602126A	TRACTOR JACK	400	400
009	0602211A	AVIATION TECHNOLOGY	64,847	64,847
010	0602270A	ELECTRONIC WARFARE TECHNOLOGY	25,571	25,571
011	0602303A	MISSILE TECHNOLOGY	50,183	50,183
012	0602307A	ADVANCED WEAPONS TECHNOLOGY	29,502	29,502
013	0602308A	ADVANCED CONCEPTS AND SIMULATION	28,500	28,500
014	0602601A	COMBAT VEHICLE AND AUTOMOTIVE TECHNOLOGY	70,450	70,450
015	0602618A	BALLISTICS TECHNOLOGY	75,541	75,541
016	0602622A	CHEMICAL, SMOKE AND EQUIPMENT DEFEATING TECHNOLOGY	5,032	5,032
017	0602623A	JOINT SERVICE SMALL ARMS PROGRAM	12,394	12,394
018	0602624A	WEAPONS AND MUNITIONS TECHNOLOGY	40,444	50,444
		Accelerate Army railgun development and prototyping		[10,000]
019	0602705A	ELECTRONICS AND ELECTRONIC DEVICES	58,283	58,283
020	0602709A	NIGHT VISION TECHNOLOGY	29,582	29,582
021	0602712A	COUNTERMINE SYSTEMS	21,244	21,244
022	0602716A	HUMAN FACTORS ENGINEERING TECHNOLOGY	24,131	24,131
023	0602720A	ENVIRONMENTAL QUALITY TECHNOLOGY	13,242	13,242
024	0602782A	COMMAND, CONTROL, COMMUNICATIONS TECHNOLOGY	55,003	55,003
025	0602783A	COMPUTER AND SOFTWARE TECHNOLOGY	14,958	14,958
026	0602784A	MILITARY ENGINEERING TECHNOLOGY	78,159	78,159
027	0602785A	MANPOWER/PERSONNEL/TRAINING TECHNOLOGY	21,862	21,862
028	0602786A	WARFIGHTER TECHNOLOGY	40,566	45,566
		Program increase		[5,000]
029	0602787A	MEDICAL TECHNOLOGY	90,075	90,075
		SUBTOTAL APPLIED RESEARCH	**919,609**	**939,609**
		ADVANCED TECHNOLOGY DEVELOPMENT		
030	0603001A	WARFIGHTER ADVANCED TECHNOLOGY	39,338	39,338
031	0603002A	MEDICAL ADVANCED TECHNOLOGY	62,496	62,496
032	0603003A	AVIATION ADVANCED TECHNOLOGY	124,958	124,958
033	0603004A	WEAPONS AND MUNITIONS ADVANCED TECHNOLOGY	102,686	102,686
034	0603005A	COMBAT VEHICLE AND AUTOMOTIVE ADVANCED TECHNOLOGY	119,739	119,739
035	0603006A	SPACE APPLICATION ADVANCED TECHNOLOGY	13,000	13,000
036	0603007A	MANPOWER, PERSONNEL AND TRAINING ADVANCED TECHNOLOGY.	8,044	8,044
037	0603009A	TRACTOR HIKE	22,631	22,631
038	0603015A	NEXT GENERATION TRAINING & SIMULATION SYSTEMS	25,682	25,682
040	0603125A	COMBATING TERRORISM—TECHNOLOGY DEVELOPMENT	3,762	3,762
041	0603130A	TRACTOR NAIL	4,896	4,896
042	0603131A	TRACTOR EGGS	6,041	6,041
043	0603270A	ELECTRONIC WARFARE TECHNOLOGY	31,491	31,491
044	0603313A	MISSILE AND ROCKET ADVANCED TECHNOLOGY	61,132	71,132
		Shoot-on-the-Move Technology Development for SHORAD platforms		[10,000]
045	0603322A	TRACTOR CAGE	16,845	16,845
046	0603461A	HIGH PERFORMANCE COMPUTING MODERNIZATION PROGRAM	183,322	188,322
		Enhance and accelerate Army artificial intelligence and machine learning.		[5,000]
047	0603606A	LANDMINE WARFARE AND BARRIER ADVANCED TECHNOLOGY	11,104	11,104
048	0603607A	JOINT SERVICE SMALL ARMS PROGRAM	5,885	5,885
049	0603710A	NIGHT VISION ADVANCED TECHNOLOGY	61,376	58,876
		Program decrease		[–2,500]
050	0603728A	ENVIRONMENTAL QUALITY TECHNOLOGY DEMONSTRATIONS	9,136	9,136
051	0603734A	MILITARY ENGINEERING ADVANCED TECHNOLOGY	25,864	25,864
052	0603772A	ADVANCED TACTICAL COMPUTER SCIENCE AND SENSOR TECHNOLOGY.	34,883	39,883
		Program increase		[5,000]
053	0603794A	C3 ADVANCED TECHNOLOGY	52,387	49,887
		Program decrease		[–2,500]
		SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT	**1,026,698**	**1,041,698**
		ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES		
054	0603305A	ARMY MISSLE DEFENSE SYSTEMS INTEGRATION	10,777	10,777
056	0603327A	AIR AND MISSILE DEFENSE SYSTEMS ENGINEERING	42,802	43,802
		Realignment of EDI APS Unit Set from OCO to Base		[1,000]
057	0603619A	LANDMINE WARFARE AND BARRIER—ADV DEV	45,254	45,254
058	0603627A	SMOKE, OBSCURANT AND TARGET DEFEATING SYS-ADV DEV	22,700	22,700
059	0603639A	TANK AND MEDIUM CALIBER AMMUNITION	41,974	55,974
		Army UFR: test and evaluation of the M999 155mm Anti-Personnel Improved Conventional Munition.		[14,000]
060	0603645A	ARMORED SYSTEM MODERNIZATION—ADV DEV	119,395	119,395
061	0603747A	SOLDIER SUPPORT AND SURVIVABILITY	8,746	8,746
062	0603766A	TACTICAL ELECTRONIC SURVEILLANCE SYSTEM—ADV DEV	35,667	35,667

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2019 Request	House Authorized
063	0603774A	NIGHT VISION SYSTEMS ADVANCED DEVELOPMENT	7,350	7,350
064	0603779A	ENVIRONMENTAL QUALITY TECHNOLOGY—DEM/VAL	14,749	14,749
065	0603790A	NATO RESEARCH AND DEVELOPMENT	3,687	3,687
066	0603801A	AVIATION—ADV DEV	10,793	10,793
067	0603804A	LOGISTICS AND ENGINEER EQUIPMENT—ADV DEV	14,248	14,248
068	0603807A	MEDICAL SYSTEMS—ADV DEV	34,284	34,284
069	0603827A	SOLDIER SYSTEMS—ADVANCED DEVELOPMENT	18,044	28,044
		Advanced materials research for personal protective equipment (PPE)		[10,000]
070	0604017A	ROBOTICS DEVELOPMENT	95,660	95,660
071	0604020A	CROSS FUNCTIONAL TEAM (CFT) ADVANCED DEVELOPMENT & PROTOTYPING.	38,000	68,000
		Iron Dome short range air defense experimentation		[30,000]
072	0604100A	ANALYSIS OF ALTERNATIVES	9,765	9,765
073	0604113A	FUTURE TACTICAL UNMANNED AIRCRAFT SYSTEM (FTUAS)	12,393	12,393
074	0604114A	LOWER TIER AIR MISSILE DEFENSE (LTAMD) SENSOR	120,374	120,374
075	0604115A	TECHNOLOGY MATURATION INITIATIVES	95,347	95,347
076	0604117A	MANEUVER—SHORT RANGE AIR DEFENSE (M-SHORAD)	95,085	118,085
		Realignment of EDI APS Unit Set from OCO to Base		[23,000]
077	0604118A	TRACTOR BEAM	52,894	52,894
079	0604121A	SYNTHETIC TRAINING ENVIRONMENT REFINEMENT & PROTOTYPING.	77,939	77,939
080	0604319A	INDIRECT FIRE PROTECTION CAPABILITY INCREMENT 2–INTERCEPT (IFPC2).	51,030	51,030
081	0305251A	CYBERSPACE OPERATIONS FORCES AND FORCE SUPPORT	65,817	65,817
082	1206120A	ASSURED POSITIONING, NAVIGATION AND TIMING (PNT)	146,300	146,300
083	1206308A	ARMY SPACE SYSTEMS INTEGRATION	38,319	38,319
		SUBTOTAL ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES.	**1,329,393**	**1,407,393**
		SYSTEM DEVELOPMENT & DEMONSTRATION		
084	0604201A	AIRCRAFT AVIONICS	32,293	32,293
085	0604270A	ELECTRONIC WARFARE DEVELOPMENT	78,699	78,699
088	0604328A	TRACTOR CAGE	17,050	17,050
089	0604601A	INFANTRY SUPPORT WEAPONS	83,155	83,155
090	0604604A	MEDIUM TACTICAL VEHICLES	3,704	3,704
091	0604611A	JAVELIN	10,623	10,623
092	0604622A	FAMILY OF HEAVY TACTICAL VEHICLES	11,950	11,950
093	0604633A	AIR TRAFFIC CONTROL	12,347	12,347
095	0604642A	LIGHT TACTICAL WHEELED VEHICLES	8,212	8,212
096	0604645A	ARMORED SYSTEMS MODERNIZATION (ASM)—ENG DEV	393,613	393,613
097	0604710A	NIGHT VISION SYSTEMS—ENG DEV	139,614	139,614
098	0604713A	COMBAT FEEDING, CLOTHING, AND EQUIPMENT	4,507	4,507
099	0604715A	NON-SYSTEM TRAINING DEVICES—ENG DEV	49,436	49,436
100	0604741A	AIR DEFENSE COMMAND, CONTROL AND INTELLIGENCE—ENG DEV.	95,172	95,172
101	0604742A	CONSTRUCTIVE SIMULATION SYSTEMS DEVELOPMENT	22,628	22,628
102	0604746A	AUTOMATIC TEST EQUIPMENT DEVELOPMENT	13,297	13,297
103	0604760A	DISTRIBUTIVE INTERACTIVE SIMULATIONS (DIS)—ENG DEV	9,145	9,145
104	0604768A	BRILLIANT ANTI-ARMOR SUBMUNITION (BAT)	9,894	9,894
105	0604780A	COMBINED ARMS TACTICAL TRAINER (CATT) CORE	21,964	21,964
106	0604798A	BRIGADE ANALYSIS, INTEGRATION AND EVALUATION	49,288	49,288
107	0604802A	WEAPONS AND MUNITIONS—ENG DEV	183,100	183,100
108	0604804A	LOGISTICS AND ENGINEER EQUIPMENT—ENG DEV	79,706	75,906
		Late MSV-L contract award and concurrency		[–3,800]
109	0604805A	COMMAND, CONTROL, COMMUNICATIONS SYSTEMS—ENG DEV	15,970	15,970
110	0604807A	MEDICAL MATERIEL/MEDICAL BIOLOGICAL DEFENSE EQUIPMENT—ENG DEV.	44,542	44,542
111	0604808A	LANDMINE WARFARE/BARRIER—ENG DEV	50,817	50,817
112	0604818A	ARMY TACTICAL COMMAND & CONTROL HARDWARE & SOFTWARE.	178,693	178,693
113	0604820A	RADAR DEVELOPMENT	39,338	39,338
114	0604822A	GENERAL FUND ENTERPRISE BUSINESS SYSTEM (GFEBS)	37,851	37,851
115	0604823A	FIREFINDER	45,473	45,473
116	0604827A	SOLDIER SYSTEMS—WARRIOR DEM/VAL	10,395	10,395
117	0604852A	SUITE OF SURVIVABILITY ENHANCEMENT SYSTEMS—EMD	69,204	55,804
		Program reduction		[–13,400]
118	0604854A	ARTILLERY SYSTEMS—EMD	1,781	1,781
119	0605013A	INFORMATION TECHNOLOGY DEVELOPMENT	113,758	113,758
120	0605018A	INTEGRATED PERSONNEL AND PAY SYSTEM-ARMY (IPPS-A)	166,603	166,603
121	0605028A	ARMORED MULTI-PURPOSE VEHICLE (AMPV)	118,239	118,239
122	0605029A	INTEGRATED GROUND SECURITY SURVEILLANCE RESPONSE CAPABILITY (IGSSR-C).	3,211	3,211
123	0605030A	JOINT TACTICAL NETWORK CENTER (JTNC)	15,889	15,889
124	0605031A	JOINT TACTICAL NETWORK (JTN)	41,972	41,972
125	0605032A	TRACTOR TIRE	41,166	41,166
126	0605033A	GROUND-BASED OPERATIONAL SURVEILLANCE SYSTEM—EXPEDITIONARY (GBOSS-E).	5,175	5,175
127	0605034A	TACTICAL SECURITY SYSTEM (TSS)	4,496	4,496

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Line	Program Element	Item	FY 2019 Request	House Authorized
128	0605035A	COMMON INFRARED COUNTERMEASURES (CIRCM)	51,178	51,178
129	0605036A	COMBATING WEAPONS OF MASS DESTRUCTION (CWMD)	11,311	11,311
131	0605038A	NUCLEAR BIOLOGICAL CHEMICAL RECONNAISSANCE VEHICLE (NBCRV) SENSOR SUITE.	17,154	17,154
132	0605041A	DEFENSIVE CYBER TOOL DEVELOPMENT	36,626	36,626
133	0605042A	TACTICAL NETWORK RADIO SYSTEMS (LOW-TIER)	3,829	3,829
134	0605047A	CONTRACT WRITING SYSTEM	41,928	41,928
135	0605049A	MISSILE WARNING SYSTEM MODERNIZATION (MWSM)	28,276	28,276
136	0605051A	AIRCRAFT SURVIVABILITY DEVELOPMENT	21,965	21,965
137	0605052A	INDIRECT FIRE PROTECTION CAPABILITY INC 2—BLOCK 1	157,710	157,710
138	0605053A	GROUND ROBOTICS	86,167	86,167
139	0605054A	EMERGING TECHNOLOGY INITIATIVES	42,866	68,266
		Army UFR: program increase		*[25,400]*
140	0605380A	AMF JOINT TACTICAL RADIO SYSTEM (JTRS)	15,984	15,984
141	0605450A	JOINT AIR-TO-GROUND MISSILE (JAGM)	11,773	11,773
142	0605457A	ARMY INTEGRATED AIR AND MISSILE DEFENSE (AIAMD)	277,607	277,607
143	0605766A	NATIONAL CAPABILITIES INTEGRATION (MIP)	12,340	12,340
144	0605812A	JOINT LIGHT TACTICAL VEHICLE (JLTV) ENGINEERING AND MANUFACTURING DEVELOPMENT PH.	2,686	2,686
145	0605830A	AVIATION GROUND SUPPORT EQUIPMENT	2,706	2,706
147	0303032A	TROJAN—RH12	4,521	4,521
150	0304270A	ELECTRONIC WARFARE DEVELOPMENT	8,922	8,922
151	1205117A	TRACTOR BEARS	23,170	23,170
		SUBTOTAL SYSTEM DEVELOPMENT & DEMONSTRATION.	**3,192,689**	**3,200,889**
		RDT&E MANAGEMENT SUPPORT		
152	0604256A	THREAT SIMULATOR DEVELOPMENT	12,835	12,835
153	0604258A	TARGET SYSTEMS DEVELOPMENT	12,135	12,135
154	0604759A	MAJOR T&E INVESTMENT	82,996	82,996
155	0605103A	RAND ARROYO CENTER	19,821	19,821
156	0605301A	ARMY KWAJALEIN ATOLL	246,574	246,574
157	0605326A	CONCEPTS EXPERIMENTATION PROGRAM	30,430	30,430
159	0605601A	ARMY TEST RANGES AND FACILITIES	305,759	305,759
160	0605602A	ARMY TECHNICAL TEST INSTRUMENTATION AND TARGETS	62,379	62,379
161	0605604A	SURVIVABILITY/LETHALITY ANALYSIS	40,496	40,496
162	0605606A	AIRCRAFT CERTIFICATION	3,941	3,941
163	0605702A	METEOROLOGICAL SUPPORT TO RDT&E ACTIVITIES	9,767	9,767
164	0605706A	MATERIEL SYSTEMS ANALYSIS	21,226	21,226
165	0605709A	EXPLOITATION OF FOREIGN ITEMS	13,026	13,026
166	0605712A	SUPPORT OF OPERATIONAL TESTING	52,718	52,718
167	0605716A	ARMY EVALUATION CENTER	57,049	57,049
168	0605718A	ARMY MODELING & SIM X-CMD COLLABORATION & INTEG	2,801	2,801
169	0605801A	PROGRAMWIDE ACTIVITIES	60,942	60,942
170	0605803A	TECHNICAL INFORMATION ACTIVITIES	29,050	29,050
171	0605805A	MUNITIONS STANDARDIZATION, EFFECTIVENESS AND SAFETY	42,332	42,332
172	0605857A	ENVIRONMENTAL QUALITY TECHNOLOGY MGMT SUPPORT	3,216	3,216
173	0605898A	ARMY DIRECT REPORT HEADQUARTERS—R&D - MIA	54,145	54,145
174	0606001A	MILITARY GROUND-BASED CREW TECHNOLOGY	4,896	4,896
175	0606002A	RONALD REAGAN BALLISTIC MISSILE DEFENSE TEST SITE	63,011	63,011
176	0606003A	COUNTERINTEL AND HUMAN INTEL MODERNIZATION	2,636	2,636
177	0606942A	ASSESSMENTS AND EVALUATIONS CYBER VULNERABILITIES	88,300	88,300
		SUBTOTAL RDT&E MANAGEMENT SUPPORT	**1,322,481**	**1,322,481**
		OPERATIONAL SYSTEMS DEVELOPMENT		
181	0603778A	MLRS PRODUCT IMPROVEMENT PROGRAM	8,886	8,886
182	0603813A	TRACTOR PULL	4,067	4,067
183	0605024A	ANTI-TAMPER TECHNOLOGY SUPPORT	4,254	4,254
184	0607131A	WEAPONS AND MUNITIONS PRODUCT IMPROVEMENT PROGRAMS.	16,022	16,022
185	0607133A	TRACTOR SMOKE	4,577	4,577
186	0607134A	LONG RANGE PRECISION FIRES (LRPF)	186,475	186,475
187	0607135A	APACHE PRODUCT IMPROVEMENT PROGRAM	31,049	31,049
188	0607136A	BLACKHAWK PRODUCT IMPROVEMENT PROGRAM	35,240	35,240
189	0607137A	CHINOOK PRODUCT IMPROVEMENT PROGRAM	157,822	157,822
190	0607138A	FIXED WING PRODUCT IMPROVEMENT PROGRAM	4,189	4,189
191	0607139A	IMPROVED TURBINE ENGINE PROGRAM	192,637	192,637
194	0607142A	AVIATION ROCKET SYSTEM PRODUCT IMPROVEMENT AND DEVELOPMENT.	60,860	60,860
195	0607143A	UNMANNED AIRCRAFT SYSTEM UNIVERSAL PRODUCTS	52,019	52,019
196	0607665A	FAMILY OF BIOMETRICS	2,400	2,400
197	0607865A	PATRIOT PRODUCT IMPROVEMENT	65,369	90,369
		Increase PATRIOT improvement efforts		*[25,000]*
198	0202429A	AEROSTAT JOINT PROJECT—COCOM EXERCISE	1	1
199	0203728A	JOINT AUTOMATED DEEP OPERATION COORDINATION SYSTEM (JADOCS).	30,954	30,954
200	0203735A	COMBAT VEHICLE IMPROVEMENT PROGRAMS	411,927	411,927
202	0203743A	155MM SELF-PROPELLED HOWITZER IMPROVEMENTS	40,676	40,676

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Line	Program Element	Item	FY 2019 Request	House Authorized
203	0203744A	AIRCRAFT MODIFICATIONS/PRODUCT IMPROVEMENT PROGRAMS.	17,706	17,706
204	0203752A	AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM	146	146
205	0203758A	DIGITIZATION	6,316	6,316
206	0203801A	MISSILE/AIR DEFENSE PRODUCT IMPROVEMENT PROGRAM	1,643	3,643
		Realignment of EDI APS Unit Set from OCO to Base		[2,000]
207	0203802A	OTHER MISSILE PRODUCT IMPROVEMENT PROGRAMS	4,947	4,947
208	0203808A	TRACTOR CARD	34,050	34,050
210	0205410A	MATERIALS HANDLING EQUIPMENT	1,464	1,464
211	0205412A	ENVIRONMENTAL QUALITY TECHNOLOGY—OPERATIONAL SYSTEM DEV.	249	249
212	0205456A	LOWER TIER AIR AND MISSILE DEFENSE (AMD) SYSTEM	79,283	79,283
213	0205778A	GUIDED MULTIPLE-LAUNCH ROCKET SYSTEM (GMLRS)	154,102	154,102
216	0303028A	SECURITY AND INTELLIGENCE ACTIVITIES	12,280	12,280
217	0303140A	INFORMATION SYSTEMS SECURITY PROGRAM	68,533	68,533
218	0303141A	GLOBAL COMBAT SUPPORT SYSTEM	68,619	68,619
220	0303150A	WWMCCS/GLOBAL COMMAND AND CONTROL SYSTEM	2,034	2,034
223	0305172A	COMBINED ADVANCED APPLICATIONS	1,500	1,500
224	0305179A	INTEGRATED BROADCAST SERVICE (IBS)	450	450
225	0305204A	TACTICAL UNMANNED AERIAL VEHICLES	6,000	6,000
226	0305206A	AIRBORNE RECONNAISSANCE SYSTEMS	12,416	26,416
		Realignment of EDI APS Unit Set from OCO to Base		[14,000]
227	0305208A	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	38,667	38,667
229	0305232A	RQ–11 UAV	6,180	6,180
230	0305233A	RQ–7 UAV	12,863	12,863
231	0307665A	BIOMETRICS ENABLED INTELLIGENCE	4,310	4,310
233	0708045A	END ITEM INDUSTRIAL PREPAREDNESS ACTIVITIES	53,958	53,958
234	1203142A	SATCOM GROUND ENVIRONMENT (SPACE)	12,119	12,119
235	1208053A	JOINT TACTICAL GROUND SYSTEM	7,400	7,400
235A	9999999999	CLASSIFIED PROGRAMS	5,955	5,955
		SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT	**1,922,614**	**1,963,614**
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, ARMY.	**10,159,379**	**10,321,579**
		RESEARCH, DEVELOPMENT, TEST & EVAL, NAVY		
		BASIC RESEARCH		
001	0601103N	UNIVERSITY RESEARCH INITIATIVES	119,433	129,433
		Defense University Research Instrumentation Program		[10,000]
002	0601152N	IN-HOUSE LABORATORY INDEPENDENT RESEARCH	19,237	19,237
003	0601153N	DEFENSE RESEARCH SCIENCES	458,708	458,708
		SUBTOTAL BASIC RESEARCH	**597,378**	**607,378**
		APPLIED RESEARCH		
004	0602114N	POWER PROJECTION APPLIED RESEARCH	14,643	14,643
005	0602123N	FORCE PROTECTION APPLIED RESEARCH	124,049	124,049
006	0602131M	MARINE CORPS LANDING FORCE TECHNOLOGY	59,607	59,607
007	0602235N	COMMON PICTURE APPLIED RESEARCH	36,348	41,348
		Enhance and accelerate Navy artificial intelligence research		[5,000]
008	0602236N	WARFIGHTER SUSTAINMENT APPLIED RESEARCH	56,197	56,197
009	0602271N	ELECTROMAGNETIC SYSTEMS APPLIED RESEARCH	83,800	83,800
010	0602435N	OCEAN WARFIGHTING ENVIRONMENT APPLIED RESEARCH	42,998	42,998
011	0602651M	JOINT NON-LETHAL WEAPONS APPLIED RESEARCH	6,349	6,349
012	0602747N	UNDERSEA WARFARE APPLIED RESEARCH	58,049	78,049
		Academic partnerships for undersea unmanned warfare research and energy technology.		[20,000]
013	0602750N	FUTURE NAVAL CAPABILITIES APPLIED RESEARCH	147,771	147,771
014	0602782N	MINE AND EXPEDITIONARY WARFARE APPLIED RESEARCH	37,545	61,045
		Program increase-one sensor plus integration		[23,500]
015	0602792N	INNOVATIVE NAVAL PROTOTYPES (INP) APPLIED RESEARCH	159,697	169,697
		Accelerate Navy railgun development and prototyping		[10,000]
016	0602861N	SCIENCE AND TECHNOLOGY MANAGEMENT—ONR FIELD ACITIVITIES.	64,418	64,418
		SUBTOTAL APPLIED RESEARCH	**891,471**	**949,971**
		ADVANCED TECHNOLOGY DEVELOPMENT		
019	0603123N	FORCE PROTECTION ADVANCED TECHNOLOGY	2,423	2,423
021	0603640M	USMC ADVANCED TECHNOLOGY DEMONSTRATION (ATD)	150,245	150,245
022	0603651M	JOINT NON-LETHAL WEAPONS TECHNOLOGY DEVELOPMENT	13,313	13,313
023	0603671N	NAVY ADVANCED TECHNOLOGY DEVELOPMENT (ATD)	131,502	131,502
024	0603673N	FUTURE NAVAL CAPABILITIES ADVANCED TECHNOLOGY DEVELOPMENT.	232,996	232,996
025	0603680N	MANUFACTURING TECHNOLOGY PROGRAM	58,657	58,657
030	0603801N	INNOVATIVE NAVAL PROTOTYPES (INP) ADVANCED TECHNOLOGY DEVELOPMENT.	161,859	181,859
		Accelerate Navy railgun development and prototyping		[20,000]
		SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT	**750,995**	**770,995**

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Line	Program Element	Item	FY 2019 Request	House Authorized
		ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES		
031	0603207N	AIR/OCEAN TACTICAL APPLICATIONS	29,747	29,747
032	0603216N	AVIATION SURVIVABILITY	7,050	7,050
033	0603251N	AIRCRAFT SYSTEMS	793	793
034	0603254N	ASW SYSTEMS DEVELOPMENT	7,058	12,058
		Prototyping fiber deployment sonobuoy systems		[5,000]
035	0603261N	TACTICAL AIRBORNE RECONNAISSANCE	3,540	3,540
036	0603382N	ADVANCED COMBAT SYSTEMS TECHNOLOGY	59,741	59,741
037	0603502N	SURFACE AND SHALLOW WATER MINE COUNTERMEASURES	62,727	62,727
038	0603506N	SURFACE SHIP TORPEDO DEFENSE	8,570	18,570
		Program increase		[10,000]
039	0603512N	CARRIER SYSTEMS DEVELOPMENT	5,440	5,440
040	0603525N	PILOT FISH	162,222	162,222
041	0603527N	RETRACT LARCH	11,745	11,745
042	0603536N	RETRACT JUNIPER	114,265	114,265
043	0603542N	RADIOLOGICAL CONTROL	740	740
044	0603553N	SURFACE ASW	1,122	1,122
045	0603561N	ADVANCED SUBMARINE SYSTEM DEVELOPMENT	109,086	89,086
		Excessive cost growth		[–7,000]
		Prior year inefficiencies impact		[–13,000]
046	0603562N	SUBMARINE TACTICAL WARFARE SYSTEMS	9,374	9,374
047	0603563N	SHIP CONCEPT ADVANCED DESIGN	89,419	89,419
048	0603564N	SHIP PRELIMINARY DESIGN & FEASIBILITY STUDIES	13,348	13,348
049	0603570N	ADVANCED NUCLEAR POWER SYSTEMS	256,137	256,137
050	0603573N	ADVANCED SURFACE MACHINERY SYSTEMS	22,109	22,109
051	0603576N	CHALK EAGLE	29,744	29,744
052	0603581N	LITTORAL COMBAT SHIP (LCS)	27,997	27,997
053	0603582N	COMBAT SYSTEM INTEGRATION	16,351	16,351
054	0603595N	OHIO REPLACEMENT	514,846	526,846
		Advanced Submarines Control and Precision Propulsion Module Integration.		[12,000]
055	0603596N	LCS MISSION MODULES	103,633	103,633
056	0603597N	AUTOMATED TEST AND ANALYSIS	7,931	7,931
057	0603599N	FRIGATE DEVELOPMENT	134,772	134,772
058	0603609N	CONVENTIONAL MUNITIONS	9,307	9,307
060	0603635M	MARINE CORPS GROUND COMBAT/SUPPORT SYSTEM	1,828	1,828
061	0603654N	JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT	43,148	43,148
062	0603713N	OCEAN ENGINEERING TECHNOLOGY DEVELOPMENT	5,915	5,915
063	0603721N	ENVIRONMENTAL PROTECTION	19,811	24,811
		High-Pressure Waterjet Explosive Ordnance Disposal Technology development.		[5,000]
064	0603724N	NAVY ENERGY PROGRAM	25,656	25,656
065	0603725N	FACILITIES IMPROVEMENT	5,301	5,301
066	0603734N	CHALK CORAL	267,985	267,985
067	0603739N	NAVY LOGISTIC PRODUCTIVITY	4,059	4,059
068	0603746N	RETRACT MAPLE	377,878	377,878
069	0603748N	LINK PLUMERIA	381,770	381,770
070	0603751N	RETRACT ELM	60,535	60,535
073	0603790N	NATO RESEARCH AND DEVELOPMENT	9,652	9,652
074	0603795N	LAND ATTACK TECHNOLOGY	15,529	15,529
075	0603851M	JOINT NON-LETHAL WEAPONS TESTING	27,581	32,581
		Joint service adoption of non-lethal weapon technologies		[5,000]
076	0603860N	JOINT PRECISION APPROACH AND LANDING SYSTEMS—DEM/VAL.	101,566	101,566
077	0603925N	DIRECTED ENERGY AND ELECTRIC WEAPON SYSTEMS	223,344	171,344
		Program decrease		[–52,000]
078	0604014N	F/A –18 INFRARED SEARCH AND TRACK (IRST)	108,700	108,700
079	0604027N	DIGITAL WARFARE OFFICE	26,691	26,691
080	0604028N	SMALL AND MEDIUM UNMANNED UNDERSEA VEHICLES	16,717	16,717
081	0604029N	UNMANNED UNDERSEA VEHICLE CORE TECHNOLOGIES	30,187	30,187
082	0604030N	RAPID PROTOTYPING, EXPERIMENTATION AND DEMONSTRATION..	48,796	48,796
083	0604031N	LARGE UNMANNED UNDERSEA VEHICLES	92,613	71,413
		Excessive Snakehead LDUUV growth		[–21,200]
084	0604112N	GERALD R. FORD CLASS NUCLEAR AIRCRAFT CARRIER (CVN 78—80).	58,121	73,121
		EMALS software support activity		[15,000]
086	0604126N	LITTORAL AIRBORNE MCM	17,622	17,622
087	0604127N	SURFACE MINE COUNTERMEASURES	18,154	18,154
088	0604272N	TACTICAL AIR DIRECTIONAL INFRARED COUNTERMEASURES (TADIRCM).	47,278	47,278
090	0604289M	NEXT GENERATION LOGISTICS	11,081	11,081
092	0604320M	RAPID TECHNOLOGY CAPABILITY PROTOTYPE	7,107	7,107
093	0604454N	LX (R)	5,549	5,549
094	0604536N	ADVANCED UNDERSEA PROTOTYPING	87,669	87,669
095	0604659N	PRECISION STRIKE WEAPONS DEVELOPMENT PROGRAM	132,818	132,818
096	0604707N	SPACE AND ELECTRONIC WARFARE (SEW) ARCHITECTURE/ENGINEERING SUPPORT.	7,230	7,230

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Line	Program Element	Item	FY 2019 Request	House Authorized
097	0604786N	OFFENSIVE ANTI-SURFACE WARFARE WEAPON DEVELOPMENT	143,062	143,062
099	0303354N	ASW SYSTEMS DEVELOPMENT—MIP	8,889	8,889
100	0304240M	ADVANCED TACTICAL UNMANNED AIRCRAFT SYSTEM	25,291	10,341
		Unjustified cost growth		[–14,950]
101	0304240N	ADVANCED TACTICAL UNMANNED AIRCRAFT SYSTEM	9,300	9,300
102	0304270N	ELECTRONIC WARFARE DEVELOPMENT—MIP	466	466
		SUBTOTAL ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES.	**4,293,713**	**4,237,563**
		SYSTEM DEVELOPMENT & DEMONSTRATION		
103	0603208N	TRAINING SYSTEM AIRCRAFT	12,798	13,798
		TH–57 follow-on training system development		[1,000]
104	0604212N	OTHER HELO DEVELOPMENT	32,128	32,128
105	0604214M	AV–8B AIRCRAFT—ENG DEV	46,363	46,363
107	0604215N	STANDARDS DEVELOPMENT	3,771	3,771
108	0604216N	MULTI-MISSION HELICOPTER UPGRADE DEVELOPMENT	16,611	16,611
109	0604218N	AIR/OCEAN EQUIPMENT ENGINEERING	17,368	17,368
110	0604221N	P–3 MODERNIZATION PROGRAM	2,134	2,134
111	0604230N	WARFARE SUPPORT SYSTEM	9,729	9,729
112	0604231N	TACTICAL COMMAND SYSTEM	57,688	57,688
113	0604234N	ADVANCED HAWKEYE	223,565	215,565
		Forward financed in the FY18 Omnibus		[–10,000]
		Program increase--IFF range improvement		[2,000]
114	0604245M	H–1 UPGRADES	58,097	58,097
116	0604261N	ACOUSTIC SEARCH SENSORS	42,485	42,485
117	0604262N	V–22A	143,079	143,079
118	0604264N	AIR CREW SYSTEMS DEVELOPMENT	20,980	20,980
119	0604269N	EA–18	147,419	147,419
120	0604270N	ELECTRONIC WARFARE DEVELOPMENT	89,824	121,424
		Navy UFR: EA–18G offensive airborne electronic attack special mission pods.		[31,600]
121	0604273M	EXECUTIVE HELO DEVELOPMENT	245,064	245,064
123	0604274N	NEXT GENERATION JAMMER (NGJ)	459,529	459,529
124	0604280N	JOINT TACTICAL RADIO SYSTEM—NAVY (JTRS-NAVY)	3,272	3,272
125	0604282N	NEXT GENERATION JAMMER (NGJ) INCREMENT II	115,253	115,253
126	0604307N	SURFACE COMBATANT COMBAT SYSTEM ENGINEERING	397,403	377,403
		ACB 20 unexecutable growth		[–20,000]
127	0604311N	LPD–17 CLASS SYSTEMS INTEGRATION	939	939
128	0604329N	SMALL DIAMETER BOMB (SDB)	104,448	104,448
129	0604366N	STANDARD MISSILE IMPROVEMENTS	165,881	180,881
		XFU electronics unit integration		[15,000]
130	0604373N	AIRBORNE MCM	10,831	10,831
131	0604378N	NAVAL INTEGRATED FIRE CONTROL—COUNTER AIR SYSTEMS ENGINEERING.	33,429	26,529
		Excess overhead		[–6,900]
132	0604501N	ADVANCED ABOVE WATER SENSORS	35,635	35,635
133	0604503N	SSN–688 AND TRIDENT MODERNIZATION	126,932	126,932
134	0604504N	AIR CONTROL	62,448	62,448
135	0604512N	SHIPBOARD AVIATION SYSTEMS	9,710	9,710
136	0604518N	COMBAT INFORMATION CENTER CONVERSION	19,303	19,303
137	0604522N	AIR AND MISSILE DEFENSE RADAR (AMDR) SYSTEM	27,059	27,059
138	0604530N	ADVANCED ARRESTING GEAR (AAG)	184,106	184,106
139	0604558N	NEW DESIGN SSN	148,233	126,833
		Excess cost growth		[–21,400]
140	0604562N	SUBMARINE TACTICAL WARFARE SYSTEM	60,824	60,824
141	0604567N	SHIP CONTRACT DESIGN/ LIVE FIRE T&E	60,062	60,062
142	0604574N	NAVY TACTICAL COMPUTER RESOURCES	4,642	4,642
144	0604601N	MINE DEVELOPMENT	25,756	25,756
145	0604610N	LIGHTWEIGHT TORPEDO DEVELOPMENT	95,147	95,147
146	0604654N	JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT	7,107	7,107
147	0604703N	PERSONNEL, TRAINING, SIMULATION, AND HUMAN FACTORS	6,539	6,539
148	0604727N	JOINT STANDOFF WEAPON SYSTEMS	441	441
149	0604755N	SHIP SELF DEFENSE (DETECT & CONTROL)	180,391	180,391
150	0604756N	SHIP SELF DEFENSE (ENGAGE: HARD KILL)	178,538	178,538
151	0604757N	SHIP SELF DEFENSE (ENGAGE: SOFT KILL/EW)	120,507	120,507
152	0604761N	INTELLIGENCE ENGINEERING	29,715	29,715
153	0604771N	MEDICAL DEVELOPMENT	8,095	8,095
154	0604777N	NAVIGATION/ID SYSTEM	121,026	121,026
155	0604800M	JOINT STRIKE FIGHTER (JSF)—EMD	66,566	66,566
156	0604800N	JOINT STRIKE FIGHTER (JSF)—EMD	65,494	65,494
159	0605013M	INFORMATION TECHNOLOGY DEVELOPMENT	14,005	14,005
160	0605013N	INFORMATION TECHNOLOGY DEVELOPMENT	268,567	268,567
161	0605024N	ANTI-TAMPER TECHNOLOGY SUPPORT	5,618	5,618
162	0605212M	CH–53K RDTE	326,945	326,945
164	0605215N	MISSION PLANNING	32,714	32,714
165	0605217N	COMMON AVIONICS	51,486	51,486
166	0605220N	SHIP TO SHORE CONNECTOR (SSC)	1,444	1,444
167	0605327N	T-AO 205 CLASS	1,298	1,298

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168	0605414N	UNMANNED CARRIER AVIATION (UCA)	718,942	602,042
		Insufficient Air Vehicle budget justification		[–116,900]
169	0605450M	JOINT AIR-TO-GROUND MISSILE (JAGM)	6,759	11,759
		JAGM-F for USN and USMC		[5,000]
171	0605500N	MULTI-MISSION MARITIME AIRCRAFT (MMA)	37,296	37,296
172	0605504N	MULTI-MISSION MARITIME (MMA) INCREMENT III	160,389	160,389
173	0605611M	MARINE CORPS ASSAULT VEHICLES SYSTEM DEVELOPMENT & DEMONSTRATION.	98,223	98,223
174	0605813M	JOINT LIGHT TACTICAL VEHICLE (JLTV) SYSTEM DEVELOPMENT & DEMONSTRATION.	2,260	2,260
175	0204202N	DDG–1000	161,264	161,264
180	0304785N	TACTICAL CRYPTOLOGIC SYSTEMS	44,098	44,098
182	0306250M	CYBER OPERATIONS TECHNOLOGY DEVELOPMENT	6,808	6,808
		SUBTOTAL SYSTEM DEVELOPMENT & DEMONSTRATION.	**6,042,480**	**5,921,880**
		MANAGEMENT SUPPORT		
183	0604256N	THREAT SIMULATOR DEVELOPMENT	94,576	94,576
184	0604258N	TARGET SYSTEMS DEVELOPMENT	10,981	10,981
185	0604759N	MAJOR T&E INVESTMENT	77,014	83,014
		Program increase		[6,000]
186	0605126N	JOINT THEATER AIR AND MISSILE DEFENSE ORGANIZATION	48	48
187	0605152N	STUDIES AND ANALYSIS SUPPORT—NAVY	3,942	3,942
188	0605154N	CENTER FOR NAVAL ANALYSES	48,797	48,797
189	0605285N	NEXT GENERATION FIGHTER	5,000	5,000
191	0605804N	TECHNICAL INFORMATION SERVICES	1,029	1,029
192	0605853N	MANAGEMENT, TECHNICAL & INTERNATIONAL SUPPORT	87,565	87,565
193	0605856N	STRATEGIC TECHNICAL SUPPORT	4,231	4,231
194	0605861N	RDT&E SCIENCE AND TECHNOLOGY MANAGEMENT	1,072	1,072
195	0605863N	RDT&E SHIP AND AIRCRAFT SUPPORT	97,471	97,471
196	0605864N	TEST AND EVALUATION SUPPORT	373,834	373,834
197	0605865N	OPERATIONAL TEST AND EVALUATION CAPABILITY	21,554	21,554
198	0605866N	NAVY SPACE AND ELECTRONIC WARFARE (SEW) SUPPORT	16,227	16,227
200	0605873M	MARINE CORPS PROGRAM WIDE SUPPORT	24,303	24,303
201	0605898N	MANAGEMENT HQ—R&D	43,262	43,262
202	0606355N	WARFARE INNOVATION MANAGEMENT	41,918	41,918
203	0606942M	ASSESSMENTS AND EVALUATIONS CYBER VULNERABILITIES	7,000	7,000
204	0606942N	ASSESSMENTS AND EVALUATIONS CYBER VULNERABILITIES	48,800	48,800
205	0305327N	INSIDER THREAT	1,682	1,682
206	0902498N	MANAGEMENT HEADQUARTERS (DEPARTMENTAL SUPPORT ACTIVITIES).	1,579	1,579
208	1206867N	SEW SURVEILLANCE/RECONNAISSANCE SUPPORT	8,684	8,684
		SUBTOTAL MANAGEMENT SUPPORT	**1,020,569**	**1,026,569**
		OPERATIONAL SYSTEMS DEVELOPMENT		
210	0604227N	HARPOON MODIFICATIONS	5,426	5,426
211	0604840M	F–35 C2D2	259,122	259,122
212	0604840N	F–35 C2D2	252,360	252,360
213	0607658N	COOPERATIVE ENGAGEMENT CAPABILITY (CEC)	130,515	119,315
		Excess cost growth		[–11,200]
214	0607700N	DEPLOYABLE JOINT COMMAND AND CONTROL	3,127	3,127
215	0101221N	STRATEGIC SUB & WEAPONS SYSTEM SUPPORT	157,679	166,679
		Project 2228, technical applications, systems engineering modeling and simulation capability and tool development.		[9,000]
216	0101224N	SSBN SECURITY TECHNOLOGY PROGRAM	43,198	39,198
		Excess program growth		[–4,000]
217	0101226N	SUBMARINE ACOUSTIC WARFARE DEVELOPMENT	11,311	11,311
218	0101402N	NAVY STRATEGIC COMMUNICATIONS	39,313	39,313
219	0204136N	F/A–18 SQUADRONS	193,086	200,586
		Engine noise reduction engineering		[2,500]
		JAGM-F for USN and USMC		[5,000]
220	0204163N	FLEET TELECOMMUNICATIONS (TACTICAL)	25,014	25,014
221	0204228N	SURFACE SUPPORT	11,661	11,661
222	0204229N	TOMAHAWK AND TOMAHAWK MISSION PLANNING CENTER (TMPC).	282,395	282,395
223	0204311N	INTEGRATED SURVEILLANCE SYSTEM	36,959	36,959
224	0204313N	SHIP-TOWED ARRAY SURVEILLANCE SYSTEMS	15,454	15,454
225	0204413N	AMPHIBIOUS TACTICAL SUPPORT UNITS (DISPLACEMENT CRAFT).	6,073	6,073
226	0204460M	GROUND/AIR TASK ORIENTED RADAR (G/ATOR)	45,029	45,029
227	0204571N	CONSOLIDATED TRAINING SYSTEMS DEVELOPMENT	104,903	104,903
228	0204574N	CRYPTOLOGIC DIRECT SUPPORT	4,544	4,544
229	0204575N	ELECTRONIC WARFARE (EW) READINESS SUPPORT	66,889	66,889
230	0205601N	HARM IMPROVEMENT	120,762	120,762
231	0205604N	TACTICAL DATA LINKS	104,696	104,696
232	0205620N	SURFACE ASW COMBAT SYSTEM INTEGRATION	28,421	28,421
233	0205632N	MK–48 ADCAP	94,155	68,555
		Excessive TI–1 cost growth		[–25,600]

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234	0205633N	AVIATION IMPROVEMENTS	121,805	136,805
		Navy UFR: F/A–18E/F Super Hornet engine enhancements		[15,000]
235	0205675N	OPERATIONAL NUCLEAR POWER SYSTEMS	117,028	117,028
236	0206313M	MARINE CORPS COMMUNICATIONS SYSTEMS	174,779	174,779
237	0206335M	COMMON AVIATION COMMAND AND CONTROL SYSTEM (CAC2S)	4,826	4,826
238	0206623M	MARINE CORPS GROUND COMBAT/SUPPORTING ARMS SYSTEMS	97,152	97,152
239	0206624M	MARINE CORPS COMBAT SERVICES SUPPORT	30,156	30,156
240	0206625M	USMC INTELLIGENCE/ELECTRONIC WARFARE SYSTEMS (MIP)	39,976	39,976
241	0206629M	AMPHIBIOUS ASSAULT VEHICLE	22,637	22,637
242	0207161N	TACTICAL AIM MISSILES	40,121	40,121
243	0207163N	ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM)	32,473	32,473
249	0303138N	CONSOLIDATED AFLOAT NETWORK ENTERPRISE SERVICES (CANES).	23,697	23,697
250	0303140N	INFORMATION SYSTEMS SECURITY PROGRAM	44,228	44,228
252	0305192N	MILITARY INTELLIGENCE PROGRAM (MIP) ACTIVITIES	6,081	6,081
253	0305204N	TACTICAL UNMANNED AERIAL VEHICLES	8,529	8,529
254	0305205N	UAS INTEGRATION AND INTEROPERABILITY	41,212	41,212
255	0305208M	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	7,687	7,687
256	0305208N	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	42,846	42,846
257	0305220N	MQ–4C TRITON	14,395	14,395
258	0305231N	MQ–8 UAV	9,843	9,843
259	0305232M	RQ–11 UAV	524	524
260	0305234N	SMALL (LEVEL 0) TACTICAL UAS (STUASL0)	5,360	5,360
261	0305239M	RQ–21A	10,914	10,914
262	0305241N	MULTI-INTELLIGENCE SENSOR DEVELOPMENT	81,231	81,231
263	0305242M	UNMANNED AERIAL SYSTEMS (UAS) PAYLOADS (MIP)	5,956	5,956
264	0305421N	RQ–4 MODERNIZATION	219,894	216,894
		Program decrease		[–3,000]
265	0308601N	MODELING AND SIMULATION SUPPORT	7,097	7,097
266	0702207N	DEPOT MAINTENANCE (NON-IF)	36,560	36,560
267	0708730N	MARITIME TECHNOLOGY (MARITECH)	7,284	7,284
268	1203109N	SATELLITE COMMUNICATIONS (SPACE)	39,174	39,174
268A	9999999999	CLASSIFIED PROGRAMS	1,549,503	1,549,503
		SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT	**4,885,060**	**4,872,760**
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, NAVY	**18,481,666**	**18,387,116**
		RESEARCH, DEVELOPMENT, TEST & EVAL, AF		
		BASIC RESEARCH		
001	0601102F	DEFENSE RESEARCH SCIENCES	348,322	348,322
002	0601103F	UNIVERSITY RESEARCH INITIATIVES	154,991	154,991
003	0601108F	HIGH ENERGY LASER RESEARCH INITIATIVES	14,506	14,506
		SUBTOTAL BASIC RESEARCH	**517,819**	**517,819**
		APPLIED RESEARCH		
004	0602102F	MATERIALS	125,373	144,373
		Additional facility engineering research and development		[3,000]
		Structural Biology Techniques		[3,000]
		Sub-atomic particle research		[3,000]
		Thermal protecting systems for hypersonics		[10,000]
005	0602201F	AEROSPACE VEHICLE TECHNOLOGIES	130,547	140,547
		Hypersonic vehicle structures		[10,000]
006	0602202F	HUMAN EFFECTIVENESS APPLIED RESEARCH	112,518	112,518
007	0602203F	AEROSPACE PROPULSION	190,919	195,919
		Program increase		[5,000]
008	0602204F	AEROSPACE SENSORS	166,534	166,534
009	0602298F	SCIENCE AND TECHNOLOGY MANAGEMENT— MAJOR HEADQUARTERS ACTIVITIES.	8,288	8,288
011	0602602F	CONVENTIONAL MUNITIONS	112,841	112,841
012	0602605F	DIRECTED ENERGY TECHNOLOGY	141,898	141,898
013	0602788F	DOMINANT INFORMATION SCIENCES AND METHODS	162,420	172,420
		Enhance and accelerate Air Force artificial intelligence research		[10,000]
014	0602890F	HIGH ENERGY LASER RESEARCH	43,359	43,359
015	1206601F	SPACE TECHNOLOGY	117,645	117,645
		SUBTOTAL APPLIED RESEARCH	**1,312,342**	**1,356,342**
		ADVANCED TECHNOLOGY DEVELOPMENT		
016	0603112F	ADVANCED MATERIALS FOR WEAPON SYSTEMS	34,426	44,426
		Metals Affordability Initiative		[10,000]
017	0603199F	SUSTAINMENT SCIENCE AND TECHNOLOGY (S&T)	15,150	20,150
		Air Force artificial intelligence research and non-operational support activities.		[5,000]
018	0603203F	ADVANCED AEROSPACE SENSORS	39,968	39,968
019	0603211F	AEROSPACE TECHNOLOGY DEV/DEMO	121,002	121,002
020	0603216F	AEROSPACE PROPULSION AND POWER TECHNOLOGY	115,462	125,462
		Laser power system enhancement		[10,000]
021	0603270F	ELECTRONIC COMBAT TECHNOLOGY	55,319	55,319

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Line	Program Element	Item	FY 2019 Request	House Authorized
022	0603401F	ADVANCED SPACECRAFT TECHNOLOGY	54,895	54,895
023	0603444F	MAUI SPACE SURVEILLANCE SYSTEM (MSSS)	10,674	10,674
024	0603456F	HUMAN EFFECTIVENESS ADVANCED TECHNOLOGY DEVELOPMENT.	36,463	46,463
		Autonomous life support system development		[10,000]
025	0603601F	CONVENTIONAL WEAPONS TECHNOLOGY	194,981	194,981
026	0603605F	ADVANCED WEAPONS TECHNOLOGY	43,368	43,368
027	0603680F	MANUFACTURING TECHNOLOGY PROGRAM	42,025	47,025
		Academic and industrial partnerships for aerospace materials		[5,000]
028	0603788F	BATTLESPACE KNOWLEDGE DEVELOPMENT AND DEMONSTRATION.	51,064	64,364
		Additional facility engineering research and development		[8,300]
		Enhance and accelerate Air Force artificial intelligence research		[5,000]
		SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT	**814,797**	**868,097**
		ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES		
030	0603260F	INTELLIGENCE ADVANCED DEVELOPMENT	5,568	5,568
032	0603742F	COMBAT IDENTIFICATION TECHNOLOGY	18,194	18,194
033	0603790F	NATO RESEARCH AND DEVELOPMENT	2,305	2,305
035	0603851F	INTERCONTINENTAL BALLISTIC MISSILE—DEM/VAL	41,856	41,856
037	0604015F	LONG RANGE STRIKE—BOMBER	2,314,196	2,314,196
038	0604201F	INTEGRATED AVIONICS PLANNING AND DEVELOPMENT	14,894	14,894
039	0604257F	ADVANCED TECHNOLOGY AND SENSORS	34,585	34,585
040	0604288F	NATIONAL AIRBORNE OPS CENTER (NAOC) RECAP	9,740	9,740
041	0604317F	TECHNOLOGY TRANSFER	12,960	12,960
042	0604327F	HARD AND DEEPLY BURIED TARGET DEFEAT SYSTEM (HDBTDS) PROGRAM.	71,501	71,501
043	0604414F	CYBER RESILIENCY OF WEAPON SYSTEMS-ACS	62,618	62,618
046	0604776F	DEPLOYMENT & DISTRIBUTION ENTERPRISE R&D	28,350	28,350
048	0604858F	TECH TRANSITION PROGRAM	1,186,075	1,201,075
		Competitively Awarded Transition Programs		[5,000]
		Non-engine development technology		[10,000]
049	0605230F	GROUND BASED STRATEGIC DETERRENT	345,041	414,441
		Accelerated execution of program		[69,400]
050	0207110F	NEXT GENERATION AIR DOMINANCE	503,997	413,997
		Ahead of need		[–90,000]
051	0207455F	THREE DIMENSIONAL LONG-RANGE RADAR (3DELRR)	40,326	40,326
052	0208099F	UNIFIED PLATFORM (UP)	29,800	29,800
054	0305236F	COMMON DATA LINK EXECUTIVE AGENT (CDL EA)	41,880	41,880
055	0305601F	MISSION PARTNER ENVIRONMENTS	10,074	10,074
056	0306250F	CYBER OPERATIONS TECHNOLOGY DEVELOPMENT	253,825	253,825
057	0306415F	ENABLED CYBER ACTIVITIES	16,325	16,325
059	0901410F	CONTRACTING INFORMATION TECHNOLOGY SYSTEM	17,577	17,577
060	1203164F	NAVSTAR GLOBAL POSITIONING SYSTEM (USER EQUIPMENT) (SPACE).	286,629	286,629
061	1203710F	EO/IR WEATHER SYSTEMS	7,940	7,940
062	1206422F	WEATHER SYSTEM FOLLOW-ON	138,052	148,052
		Commercial weather data pilot		[10,000]
063	1206425F	SPACE SITUATION AWARENESS SYSTEMS	39,338	39,338
064	1206434F	MIDTERM POLAR MILSATCOM SYSTEM	383,113	383,113
065	1206438F	SPACE CONTROL TECHNOLOGY	91,018	106,018
		NTS–3 Payload		[15,000]
066	1206730F	SPACE SECURITY AND DEFENSE PROGRAM	45,542	49,542
		Allied launch services		[4,000]
067	1206760F	PROTECTED TACTICAL ENTERPRISE SERVICE (PTES)	51,419	51,419
068	1206761F	PROTECTED TACTICAL SERVICE (PTS)	29,776	29,776
069	1206855F	PROTECTED SATCOM SERVICES (PSCS)—AGGREGATED	29,379	29,379
070	1206857F	OPERATIONALLY RESPONSIVE SPACE	366,050	247,050
		Space RCO Advanced Solar Power—early to need		[–119,000]
		SUBTOTAL ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES.	**6,529,943**	**6,434,343**
		SYSTEM DEVELOPMENT & DEMONSTRATION		
071	0604200F	FUTURE ADVANCED WEAPON ANALYSIS & PROGRAMS	39,602	39,602
072	0604201F	INTEGRATED AVIONICS PLANNING AND DEVELOPMENT	58,531	58,531
073	0604222F	NUCLEAR WEAPONS SUPPORT	4,468	4,468
074	0604270F	ELECTRONIC WARFARE DEVELOPMENT	1,909	1,909
075	0604281F	TACTICAL DATA NETWORKS ENTERPRISE	207,746	207,746
076	0604287F	PHYSICAL SECURITY EQUIPMENT	14,421	14,421
077	0604329F	SMALL DIAMETER BOMB (SDB)—EMD	73,158	93,158
		SDB II cost reduction initiatives		[20,000]
081	0604429F	AIRBORNE ELECTRONIC ATTACK	7,153	7,153
083	0604602F	ARMAMENT/ORDNANCE DEVELOPMENT	58,590	58,590
084	0604604F	SUBMUNITIONS	2,990	2,990
085	0604617F	AGILE COMBAT SUPPORT	20,028	20,028
086	0604618F	JOINT DIRECT ATTACK MUNITION	15,787	15,787
087	0604706F	LIFE SUPPORT SYSTEMS	8,919	8,919

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Line	Program Element	Item	FY 2019 Request	House Authorized
088	0604735F	COMBAT TRAINING RANGES	35,895	62,895
		Advanced threat radar system		[27,000]
089	0604800F	F–35—EMD	69,001	69,001
091	0604932F	LONG RANGE STANDOFF WEAPON	614,920	699,920
		Accelerated execution of program		[85,000]
092	0604933F	ICBM FUZE MODERNIZATION	172,902	172,902
097	0605221F	KC–46	88,170	88,170
098	0605223F	ADVANCED PILOT TRAINING	265,465	265,465
099	0605229F	COMBAT RESCUE HELICOPTER	457,652	457,652
105	0605830F	ACQ WORKFORCE- GLOBAL BATTLE MGMT	3,617	3,617
106	0605931F	B–2 DEFENSIVE MANAGEMENT SYSTEM	261,758	261,758
107	0101125F	NUCLEAR WEAPONS MODERNIZATION	91,907	91,907
108	0207171F	F–15 EPAWSS	137,095	137,095
109	0207328F	STAND IN ATTACK WEAPON	43,175	43,175
110	0207423F	ADVANCED COMMUNICATIONS SYSTEMS	14,888	14,888
111	0207701F	FULL COMBAT MISSION TRAINING	1,015	1,015
115	0307581F	JSTARS RECAP		623,000
		JSTARS recap EMD execution		[623,000]
116	0401310F	C–32 EXECUTIVE TRANSPORT RECAPITALIZATION	7,943	7,943
117	0401319F	PRESIDENTIAL AIRCRAFT RECAPITALIZATION (PAR)	673,032	673,032
118	0701212F	AUTOMATED TEST SYSTEMS	13,653	13,653
119	1203176F	COMBAT SURVIVOR EVADER LOCATOR	939	939
120	1203269F	GPS IIIC	451,889	451,889
121	1203940F	SPACE SITUATION AWARENESS OPERATIONS	46,668	46,668
122	1206421F	COUNTERSPACE SYSTEMS	20,676	20,676
123	1206425F	SPACE SITUATION AWARENESS SYSTEMS	134,463	134,463
124	1206426F	SPACE FENCE	20,215	20,215
125	1206431F	ADVANCED EHF MILSATCOM (SPACE)	151,506	151,506
126	1206432F	POLAR MILSATCOM (SPACE)	27,337	27,337
127	1206433F	WIDEBAND GLOBAL SATCOM (SPACE)	3,970	3,970
128	1206441F	SPACE BASED INFRARED SYSTEM (SBIRS) HIGH EMD	60,565	60,565
129	1206442F	EVOLVED SBIRS	643,126	643,126
130	1206853F	EVOLVED EXPENDABLE LAUNCH VEHICLE PROGRAM (SPACE)—EMD.	245,447	245,447
		SUBTOTAL SYSTEM DEVELOPMENT & DEMONSTRATION.	**5,272,191**	**6,027,191**
		MANAGEMENT SUPPORT		
131	0604256F	THREAT SIMULATOR DEVELOPMENT	34,256	34,256
132	0604759F	MAJOR T&E INVESTMENT	91,844	91,844
133	0605101F	RAND PROJECT AIR FORCE	34,614	34,614
135	0605712F	INITIAL OPERATIONAL TEST & EVALUATION	18,043	18,043
136	0605807F	TEST AND EVALUATION SUPPORT	692,784	724,684
		Test range modernization		[31,900]
137	0605826F	ACQ WORKFORCE- GLOBAL POWER	233,924	233,924
138	0605827F	ACQ WORKFORCE- GLOBAL VIG & COMBAT SYS	263,488	263,488
139	0605828F	ACQ WORKFORCE- GLOBAL REACH	153,591	153,591
140	0605829F	ACQ WORKFORCE- CYBER, NETWORK, & BUS SYS	232,315	232,315
141	0605830F	ACQ WORKFORCE- GLOBAL BATTLE MGMT	169,868	169,868
142	0605831F	ACQ WORKFORCE- CAPABILITY INTEGRATION	226,219	226,219
143	0605832F	ACQ WORKFORCE- ADVANCED PRGM TECHNOLOGY	38,400	38,400
144	0605833F	ACQ WORKFORCE- NUCLEAR SYSTEMS	125,761	125,761
147	0605898F	MANAGEMENT HQ—R&D	10,642	10,642
148	0605976F	FACILITIES RESTORATION AND MODERNIZATION—TEST AND EVALUATION SUPPORT.	162,216	162,216
149	0605978F	FACILITIES SUSTAINMENT—TEST AND EVALUATION SUPPORT	28,888	28,888
150	0606017F	REQUIREMENTS ANALYSIS AND MATURATION	35,285	35,285
153	0308602F	ENTEPRISE INFORMATION SERVICES (EIS)	20,545	20,545
154	0702806F	ACQUISITION AND MANAGEMENT SUPPORT	12,367	12,367
155	0804731F	GENERAL SKILL TRAINING	1,448	1,448
157	1001004F	INTERNATIONAL ACTIVITIES	3,998	3,998
158	1206116F	SPACE TEST AND TRAINING RANGE DEVELOPMENT	23,254	23,254
159	1206392F	SPACE AND MISSILE CENTER (SMC) CIVILIAN WORKFORCE	169,912	169,912
160	1206398F	SPACE & MISSILE SYSTEMS CENTER—MHA	10,508	10,508
161	1206860F	ROCKET SYSTEMS LAUNCH PROGRAM (SPACE)	19,721	29,721
		Rocket systems launch program		[10,000]
162	1206864F	SPACE TEST PROGRAM (STP)	25,620	75,620
		Blackjack project		[50,000]
		SUBTOTAL MANAGEMENT SUPPORT	**2,839,511**	**2,931,411**
		OPERATIONAL SYSTEMS DEVELOPMENT		
165	0604233F	SPECIALIZED UNDERGRADUATE FLIGHT TRAINING	11,344	11,344
167	0605018F	AF INTEGRATED PERSONNEL AND PAY SYSTEM (AF-IPPS)	47,287	47,287
168	0605024F	ANTI-TAMPER TECHNOLOGY EXECUTIVE AGENCY	32,770	32,770
169	0605117F	FOREIGN MATERIEL ACQUISITION AND EXPLOITATION	68,368	68,368
170	0605278F	HC/MC–130 RECAP RDT&E	32,574	32,574
171	0606018F	NC3 INTEGRATION	26,112	26,112
172	0606942F	ASSESSMENTS AND EVALUATIONS CYBER VULNERABILITIES	99,100	99,100

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Line	Program Element	Item	FY 2019 Request	House Authorized
173	0101113F	B–52 SQUADRONS	280,414	295,114
		Technical adjustment		[14,700]
174	0101122F	AIR-LAUNCHED CRUISE MISSILE (ALCM)	5,955	5,955
175	0101126F	B–1B SQUADRONS	76,030	76,030
176	0101127F	B–2 SQUADRONS	105,561	105,561
177	0101213F	MINUTEMAN SQUADRONS	156,047	156,047
179	0101316F	WORLDWIDE JOINT STRATEGIC COMMUNICATIONS	10,442	10,442
180	0101324F	INTEGRATED STRATEGIC PLANNING & ANALYSIS NETWORK	22,833	22,833
181	0101328F	ICBM REENTRY VEHICLES	18,412	18,412
183	0102110F	UH–1N REPLACEMENT PROGRAM	288,022	288,022
184	0102326F	REGION/SECTOR OPERATION CONTROL CENTER MODERNIZATION PROGRAM.	9,252	9,252
186	0205219F	MQ–9 UAV	115,345	115,345
188	0207131F	A–10 SQUADRONS	26,738	26,738
189	0207133F	F–16 SQUADRONS	191,564	191,564
190	0207134F	F–15E SQUADRONS	192,883	242,883
		ALQ–128 EW suite for ANG units		[50,000]
191	0207136F	MANNED DESTRUCTIVE SUPPRESSION	15,238	15,238
192	0207138F	F–22A SQUADRONS	603,553	583,853
		Program reduction		[–19,700]
193	0207142F	F–35 SQUADRONS	549,501	549,501
194	0207161F	TACTICAL AIM MISSILES	37,230	37,230
195	0207163F	ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM)	61,393	61,393
196	0207227F	COMBAT RESCUE—PARARESCUE	647	647
198	0207249F	PRECISION ATTACK SYSTEMS PROCUREMENT	14,891	14,891
199	0207253F	COMPASS CALL	13,901	13,901
200	0207268F	AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM	121,203	121,203
202	0207325F	JOINT AIR-TO-SURFACE STANDOFF MISSILE (JASSM)	60,062	60,062
203	0207410F	AIR & SPACE OPERATIONS CENTER (AOC)	106,102	79,602
		Unjustified request		[–26,500]
204	0207412F	CONTROL AND REPORTING CENTER (CRC)	6,413	6,413
205	0207417F	AIRBORNE WARNING AND CONTROL SYSTEM (AWACS)	120,664	78,864
		Program reduction		[–5,800]
		Radar controller program delay		[–36,000]
206	0207418F	TACTICAL AIRBORNE CONTROL SYSTEMS	2,659	2,659
208	0207431F	COMBAT AIR INTELLIGENCE SYSTEM ACTIVITIES	10,316	10,316
209	0207444F	TACTICAL AIR CONTROL PARTY-MOD	6,149	6,149
210	0207448F	C2ISR TACTICAL DATA LINK	1,738	1,738
211	0207452F	DCAPES	13,297	13,297
212	0207573F	NATIONAL TECHNICAL NUCLEAR FORENSICS	1,788	1,788
213	0207581F	JOINT SURVEILLANCE/TARGET ATTACK RADAR SYSTEM (JSTARS).	14,888	14,888
214	0207590F	SEEK EAGLE	24,699	24,699
215	0207601F	USAF MODELING AND SIMULATION	17,078	17,078
216	0207605F	WARGAMING AND SIMULATION CENTERS	6,141	6,141
218	0207697F	DISTRIBUTED TRAINING AND EXERCISES	4,225	4,225
219	0208006F	MISSION PLANNING SYSTEMS	63,653	63,653
220	0208007F	TACTICAL DECEPTION	6,949	6,949
221	0208087F	AF OFFENSIVE CYBERSPACE OPERATIONS	40,526	40,526
222	0208088F	AF DEFENSIVE CYBERSPACE OPERATIONS	24,166	24,166
223	0208097F	JOINT CYBER COMMAND AND CONTROL (JCC2)	13,000	13,000
224	0208099F	UNIFIED PLATFORM (UP)	28,759	28,759
229	0301017F	GLOBAL SENSOR INTEGRATED ON NETWORK (GSIN)	3,579	3,579
230	0301112F	NUCLEAR PLANNING AND EXECUTION SYSTEM (NPES)	29,620	29,620
237	0301401F	AIR FORCE SPACE AND CYBER NON-TRADITIONAL ISR FOR BATTLESPACE AWARENESS.	6,633	6,633
238	0302015F	E–4B NATIONAL AIRBORNE OPERATIONS CENTER (NAOC)	57,758	57,758
240	0303131F	MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NETWORK (MEECN).	99,088	99,088
241	0303133F	HIGH FREQUENCY RADIO SYSTEMS	51,612	51,612
242	0303140F	INFORMATION SYSTEMS SECURITY PROGRAM	34,612	34,612
244	0303142F	GLOBAL FORCE MANAGEMENT—DATA INITIATIVE	2,170	2,170
246	0304260F	AIRBORNE SIGINT ENTERPRISE	106,873	109,873
		SIGINT single-pod development		[3,000]
247	0304310F	COMMERCIAL ECONOMIC ANALYSIS	3,472	3,472
250	0305015F	C2 AIR OPERATIONS SUITE—C2 INFO SERVICES	8,608	8,608
251	0305020F	CCMD INTELLIGENCE INFORMATION TECHNOLOGY	1,586	1,586
252	0305099F	GLOBAL AIR TRAFFIC MANAGEMENT (GATM)	4,492	4,492
254	0305111F	WEATHER SERVICE	26,942	26,942
255	0305114F	AIR TRAFFIC CONTROL, APPROACH, AND LANDING SYSTEM (ATCALS).	6,271	8,771
		Augmentation of air surveillance and early warning radar systems		[2,500]
256	0305116F	AERIAL TARGETS	8,383	8,383
259	0305128F	SECURITY AND INVESTIGATIVE ACTIVITIES	418	418
261	0305146F	DEFENSE JOINT COUNTERINTELLIGENCE ACTIVITIES	3,845	3,845
268	0305202F	DRAGON U–2	48,518	65,518
		EO/IR sensor upgrades		[17,000]
270	0305206F	AIRBORNE RECONNAISSANCE SYSTEMS	175,334	175,334

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Line	Program Element	Item	FY 2019 Request	House Authorized
		Gorgon Stare		*[10,800]*
		Program reduction		*[–10,800]*
271	0305207F	*MANNED RECONNAISSANCE SYSTEMS*	*14,223*	*14,223*
272	0305208F	*DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS*	*24,554*	*24,554*
273	0305220F	*RQ–4 UAV*	*221,690*	*211,890*
		RQ–4 infrastructure unjustified request		*[–9,800]*
274	0305221F	*NETWORK-CENTRIC COLLABORATIVE TARGETING*	*14,288*	*14,288*
275	0305238F	*NATO AGS*	*51,527*	*51,527*
276	0305240F	*SUPPORT TO DCGS ENTERPRISE*	*26,579*	*26,579*
278	0305600F	*INTERNATIONAL INTELLIGENCE TECHNOLOGY AND ARCHITECTURES.*	*8,464*	*8,464*
280	0305881F	*RAPID CYBER ACQUISITION*	*4,303*	*4,303*
284	0305984F	*PERSONNEL RECOVERY COMMAND & CTRL (PRC2)*	*2,466*	*2,466*
285	0307577F	*INTELLIGENCE MISSION DATA (IMD)*	*4,117*	*4,117*
287	0401115F	*C–130 AIRLIFT SQUADRON*	*105,988*	*105,988*
288	0401119F	*C–5 AIRLIFT SQUADRONS (IF)*	*25,071*	*25,071*
289	0401130F	*C–17 AIRCRAFT (IF)*	*48,299*	*48,299*
290	0401132F	*C–130J PROGRAM*	*15,409*	*15,409*
291	0401134F	*LARGE AIRCRAFT IR COUNTERMEASURES (LAIRCM)*	*4,334*	*4,334*
292	0401218F	*KC–135S*	*3,493*	*3,493*
293	0401219F	*KC–10S*	*6,569*	*6,569*
294	0401314F	*OPERATIONAL SUPPORT AIRLIFT*	*3,172*	*3,172*
295	0401318F	*CV–22*	*18,502*	*18,502*
296	0401840F	*AMC COMMAND AND CONTROL SYSTEM*	*1,688*	*1,688*
297	0408011F	*SPECIAL TACTICS / COMBAT CONTROL*	*2,541*	*2,541*
298	0702207F	*DEPOT MAINTENANCE (NON-IF)*	*1,897*	*1,897*
299	0708055F	*MAINTENANCE, REPAIR & OVERHAUL SYSTEM*	*50,933*	*50,933*
300	0708610F	*LOGISTICS INFORMATION TECHNOLOGY (LOGIT)*	*13,787*	*13,787*
301	0708611F	*SUPPORT SYSTEMS DEVELOPMENT*	*4,497*	*4,497*
302	0804743F	*OTHER FLIGHT TRAINING*	*2,022*	*2,022*
303	0808716F	*OTHER PERSONNEL ACTIVITIES*	*108*	*108*
304	0901202F	*JOINT PERSONNEL RECOVERY AGENCY*	*2,023*	*2,023*
305	0901218F	*CIVILIAN COMPENSATION PROGRAM*	*3,772*	*3,772*
306	0901220F	*PERSONNEL ADMINISTRATION*	*6,358*	*6,358*
307	0901226F	*AIR FORCE STUDIES AND ANALYSIS AGENCY*	*1,418*	*1,418*
308	0901538F	*FINANCIAL MANAGEMENT INFORMATION SYSTEMS DEVELOPMENT.*	*99,734*	*99,734*
309	1201921F	*SERVICE SUPPORT TO STRATCOM—SPACE ACTIVITIES*	*14,161*	*14,161*
310	1202247F	*AF TENCAP*	*26,986*	*26,986*
311	1203001F	*FAMILY OF ADVANCED BLOS TERMINALS (FAB-T)*	*80,168*	*80,168*
312	1203110F	*SATELLITE CONTROL NETWORK (SPACE)*	*17,808*	*17,808*
314	1203165F	*NAVSTAR GLOBAL POSITIONING SYSTEM (SPACE AND CONTROL SEGMENTS).*	*8,937*	*8,937*
315	1203173F	*SPACE AND MISSILE TEST AND EVALUATION CENTER*	*59,935*	*59,935*
316	1203174F	*SPACE INNOVATION, INTEGRATION AND RAPID TECHNOLOGY DEVELOPMENT.*	*21,019*	*21,019*
317	1203179F	*INTEGRATED BROADCAST SERVICE (IBS)*	*8,568*	*8,568*
318	1203182F	*SPACELIFT RANGE SYSTEM (SPACE)*	*10,641*	*10,641*
319	1203265F	*GPS III SPACE SEGMENT*	*144,543*	*144,543*
320	1203400F	*SPACE SUPERIORITY INTELLIGENCE*	*16,278*	*16,278*
321	1203614F	*JSPOC MISSION SYSTEM*	*72,256*	*72,256*
322	1203620F	*NATIONAL SPACE DEFENSE CENTER*	*42,209*	*42,209*
325	1203913F	*NUDET DETECTION SYSTEM (SPACE)*	*19,778*	*19,778*
326	1203940F	*SPACE SITUATION AWARENESS OPERATIONS*	*19,572*	*19,572*
327	1206423F	*GLOBAL POSITIONING SYSTEM III—OPERATIONAL CONTROL SEGMENT.*	*513,235*	*513,235*
327A	9999999999	*CLASSIFIED PROGRAMS*	*16,534,124*	*16,390,224*
		Classifed adjustment		*[–40,000]*
		Forward financed in the FY18 Omnibus		*[–89,900]*
		PDSA staff reduction		*[–14,000]*
		SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT	***22,891,740***	***22,737,240***
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, AF.	***40,178,343***	***40,872,443***
		RESEARCH, DEVELOPMENT, TEST & EVAL, DW		
		BASIC RESEARCH		
001	0601000BR	*DTRA BASIC RESEARCH*	*37,023*	*37,023*
002	0601101E	*DEFENSE RESEARCH SCIENCES*	*422,130*	*416,130*
		Program decrease		*[–6,000]*
003	0601110D8Z	*BASIC RESEARCH INITIATIVES*	*42,702*	*42,702*
004	0601117E	*BASIC OPERATIONAL MEDICAL RESEARCH SCIENCE*	*47,825*	*47,825*
005	0601120D8Z	*NATIONAL DEFENSE EDUCATION PROGRAM*	*85,919*	*85,919*
006	0601228D8Z	*HISTORICALLY BLACK COLLEGES AND UNIVERSITIES/MINORITY INSTITUTIONS.*	*30,412*	*40,412*
		Program increase		*[10,000]*
007	0601384BP	*CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM*	*42,103*	*42,103*
		SUBTOTAL BASIC RESEARCH	***708,114***	***712,114***

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2019 Request	House Authorized
		APPLIED RESEARCH		
008	0602000D8Z	JOINT MUNITIONS TECHNOLOGY	19,170	19,170
009	0602115E	BIOMEDICAL TECHNOLOGY	101,300	101,300
011	0602234D8Z	LINCOLN LABORATORY RESEARCH PROGRAM	51,596	51,596
012	0602251D8Z	APPLIED RESEARCH FOR THE ADVANCEMENT OF S&T PRIORITIES.	60,688	60,688
013	0602303E	INFORMATION & COMMUNICATIONS TECHNOLOGY	395,317	395,317
014	0602383E	BIOLOGICAL WARFARE DEFENSE	38,640	38,640
015	0602384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM	192,674	192,674
016	0602668D8Z	CYBER SECURITY RESEARCH	14,969	14,969
017	0602702E	TACTICAL TECHNOLOGY	335,466	335,466
018	0602715E	MATERIALS AND BIOLOGICAL TECHNOLOGY	226,898	226,898
019	0602716E	ELECTRONICS TECHNOLOGY	333,847	333,847
020	0602718BR	COUNTER WEAPONS OF MASS DESTRUCTION APPLIED RESEARCH.	161,151	161,151
021	0602751D8Z	SOFTWARE ENGINEERING INSTITUTE (SEI) APPLIED RESEARCH.	9,300	9,300
022	1160401BB	SOF TECHNOLOGY DEVELOPMENT	35,921	35,921
		SUBTOTAL APPLIED RESEARCH	**1,976,937**	**1,976,937**
		ADVANCED TECHNOLOGY DEVELOPMENT		
023	0603000D8Z	JOINT MUNITIONS ADVANCED TECHNOLOGY	25,598	25,598
024	0603122D8Z	COMBATING TERRORISM TECHNOLOGY SUPPORT	125,271	125,271
025	0603133D8Z	FOREIGN COMPARATIVE TESTING	24,532	24,532
027	0603160BR	COUNTER WEAPONS OF MASS DESTRUCTION ADVANCED TECHNOLOGY DEVELOPMENT.	299,858	299,858
028	0603176C	ADVANCED CONCEPTS AND PERFORMANCE ASSESSMENT	13,017	13,017
029	0603178C	WEAPONS TECHNOLOGY		10,000
		Accelerate hypersonic defense capability		*[10,000]*
031	0603180C	ADVANCED RESEARCH	20,365	40,365
		Accelerate hypersonic defense capability		*[20,000]*
032	0603225D8Z	JOINT DOD-DOE MUNITIONS TECHNOLOGY DEVELOPMENT	18,644	18,644
034	0603286E	ADVANCED AEROSPACE SYSTEMS	277,603	277,603
035	0603287E	SPACE PROGRAMS AND TECHNOLOGY	254,671	254,671
036	0603288D8Z	ANALYTIC ASSESSMENTS	19,472	19,472
037	0603289D8Z	ADVANCED INNOVATIVE ANALYSIS AND CONCEPTS	37,263	37,263
038	0603291D8Z	ADVANCED INNOVATIVE ANALYSIS AND CONCEPTS—MHA	13,621	13,621
039	0603294C	COMMON KILL VEHICLE TECHNOLOGY	189,753	100,753
		Early to need		*[–89,000]*
040	0603342D8W	DEFENSE INNOVATION UNIT EXPERIMENTAL (DIUX)	29,364	29,364
041	0603375D8Z	TECHNOLOGY INNOVATION	83,143	83,143
042	0603384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM—ADVANCED DEVELOPMENT.	142,826	142,826
043	0603527D8Z	RETRACT LARCH	161,128	161,128
044	0603618D8Z	JOINT ELECTRONIC ADVANCED TECHNOLOGY	12,918	12,918
045	0603648D8Z	JOINT CAPABILITY TECHNOLOGY DEMONSTRATIONS	106,049	106,049
046	0603662D8Z	NETWORKED COMMUNICATIONS CAPABILITIES	12,696	12,696
047	0603680D8Z	DEFENSE-WIDE MANUFACTURING SCIENCE AND TECHNOLOGY PROGRAM.	114,637	114,637
048	0603680S	MANUFACTURING TECHNOLOGY PROGRAM	49,667	49,667
049	0603699D8Z	EMERGING CAPABILITIES TECHNOLOGY DEVELOPMENT	48,338	48,338
050	0603712S	GENERIC LOGISTICS R&D TECHNOLOGY DEMONSTRATIONS	11,778	11,778
052	0603716D8Z	STRATEGIC ENVIRONMENTAL RESEARCH PROGRAM	76,514	76,514
053	0603720S	MICROELECTRONICS TECHNOLOGY DEVELOPMENT AND SUPPORT.	168,931	168,931
054	0603727D8Z	JOINT WARFIGHTING PROGRAM	5,992	5,992
055	0603739E	ADVANCED ELECTRONICS TECHNOLOGIES	111,099	111,099
056	0603760E	COMMAND, CONTROL AND COMMUNICATIONS SYSTEMS	185,984	185,984
057	0603766E	NETWORK-CENTRIC WARFARE TECHNOLOGY	438,569	438,569
058	0603767E	SENSOR TECHNOLOGY	190,128	190,128
059	0603769D8Z	DISTRIBUTED LEARNING ADVANCED TECHNOLOGY DEVELOPMENT.	13,564	13,564
060	0603781D8Z	SOFTWARE ENGINEERING INSTITUTE	15,050	15,050
061	0603826D8Z	QUICK REACTION SPECIAL PROJECTS	69,626	69,626
062	0603833D8Z	ENGINEERING SCIENCE & TECHNOLOGY	19,415	19,415
063	0603924D8Z	HIGH ENERGY LASER ADVANCED TECHNOLOGY PROGRAM	69,533	69,533
064	0603941D8Z	TEST & EVALUATION SCIENCE & TECHNOLOGY	96,389	96,389
065	0604055D8Z	OPERATIONAL ENERGY CAPABILITY IMPROVEMENT	40,582	40,582
066	0303310D8Z	CWMD SYSTEMS	26,644	26,644
067	1160402BB	SOF ADVANCED TECHNOLOGY DEVELOPMENT	79,380	79,380
		SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT	**3,699,612**	**3,640,612**
		ADVANCED COMPONENT DEVELOPMENT AND PROTOTYPES		
068	0603161D8Z	NUCLEAR AND CONVENTIONAL PHYSICAL SECURITY EQUIPMENT RDT&E ADC&P.	28,140	28,140
069	0603600D8Z	WALKOFF	92,222	92,222

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Line	Program Element	Item	FY 2019 Request	House Authorized
070	0603821D8Z	ACQUISITION ENTERPRISE DATA & INFORMATION SERVICES	2,506	2,506
071	0603851D8Z	ENVIRONMENTAL SECURITY TECHNICAL CERTIFICATION PROGRAM.	40,016	40,016
072	0603881C	BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT	214,173	359,173
		Accelerate USFK JEON delivery		[100,000]
		Address cyber threats		[45,000]
073	0603882C	BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT	926,359	726,359
		Address cyber threats		[8,000]
		Forward financed in the FY18 Omnibus		[–208,000]
074	0603884BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM—DEM/VAL	129,886	129,886
075	0603884C	BALLISTIC MISSILE DEFENSE SENSORS	220,876	245,876
		Accelerate USFK JEON delivery		[20,000]
		Address cyber threats		[5,000]
076	0603890C	BMD ENABLING PROGRAMS	540,926	540,926
077	0603891C	SPECIAL PROGRAMS—MDA	422,348	422,348
078	0603892C	AEGIS BMD	767,539	767,539
081	0603896C	BALLISTIC MISSILE DEFENSE COMMAND AND CONTROL, BATTLE MANAGEMENT AND COMMUNICATI.	475,168	483,168
		Address cyber threats		[8,000]
082	0603898C	BALLISTIC MISSILE DEFENSE JOINT WARFIGHTER SUPPORT	48,767	48,767
083	0603904C	MISSILE DEFENSE INTEGRATION & OPERATIONS CENTER (MDIOC).	54,925	54,925
084	0603906C	REGARDING TRENCH	16,916	16,916
085	0603907C	SEA BASED X-BAND RADAR (SBX)	149,715	116,715
		Forward financed in the FY18 Omnibus		[–33,000]
086	0603913C	ISRAELI COOPERATIVE PROGRAMS	300,000	300,000
087	0603914C	BALLISTIC MISSILE DEFENSE TEST	365,681	430,681
		Accelerate USFK JEON delivery		[50,000]
		Address cyber threats		[15,000]
088	0603915C	BALLISTIC MISSILE DEFENSE TARGETS	517,852	491,352
		Accelerate USFK JEON delivery		[4,500]
		Address cyber threats		[5,000]
		Forward financed in the FY18 Omnibus		[–36,000]
089	0603920D8Z	HUMANITARIAN DEMINING	11,347	11,347
090	0603923D8Z	COALITION WARFARE	8,528	8,528
091	0604016D8Z	DEPARTMENT OF DEFENSE CORROSION PROGRAM	3,477	3,477
092	0604115C	TECHNOLOGY MATURATION INITIATIVES	148,822	203,822
		Address cyber threats		[5,000]
		Continue directed energy and boost phase intercept efforts		[50,000]
093	0604132D8Z	MISSILE DEFEAT PROJECT	58,607	58,607
094	0604134BR	COUNTER IMPROVISED-THREAT DEMONSTRATION, PROTOTYPE DEVELOPMENT, AND TESTING.	12,993	12,993
095	0604181C	HYPERSONIC DEFENSE	120,444	130,444
		Accelerate hypersonic defense capability		[10,000]
096	0604250D8Z	ADVANCED INNOVATIVE TECHNOLOGIES	1,431,702	1,381,702
		Program reduction		[–50,000]
097	0604294D8Z	TRUSTED & ASSURED MICROELECTRONICS	233,142	233,142
098	0604331D8Z	RAPID PROTOTYPING PROGRAM	99,333	99,333
098A	0604342D8Z	DEFENSE TECHNOLOGY OFFSET		100,000
		Directed energy		[100,000]
099	0604400D8Z	DEPARTMENT OF DEFENSE (DOD) UNMANNED SYSTEM COMMON DEVELOPMENT.	3,781	3,781
100	0604673C	PACIFIC DISCRIMINATING RADAR	95,765	95,765
101	0604682D8Z	WARGAMING AND SUPPORT FOR STRATEGIC ANALYSIS (SSA)	3,768	3,768
103	0604826J	JOINT C5 CAPABILITY DEVELOPMENT, INTEGRATION AND INTEROPERABILITY ASSESSMENTS.	22,435	22,435
104	0604873C	LONG RANGE DISCRIMINATION RADAR (LRDR)	164,562	164,562
105	0604874C	IMPROVED HOMELAND DEFENSE INTERCEPTORS	561,220	421,820
		Forward financed in the FY18 Omnibus		[–139,400]
106	0604876C	BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT TEST.	61,017	61,017
107	0604878C	AEGIS BMD TEST	95,756	95,756
108	0604879C	BALLISTIC MISSILE DEFENSE SENSOR TEST	81,001	81,001
109	0604880C	LAND-BASED SM–3 (LBSM3)	27,692	27,842
		Retain Poland CHUs		[150]
111	0604887C	BALLISTIC MISSILE DEFENSE MIDCOURSE SEGMENT TEST	81,934	72,634
		Forward financed in the FY18 Omnibus		[–9,300]
112	0604894C	MULTI-OBJECT KILL VEHICLE	8,256	8,256
113	0300206R	ENTERPRISE INFORMATION TECHNOLOGY SYSTEMS	2,600	2,600
114	0303191D8Z	JOINT ELECTROMAGNETIC TECHNOLOGY (JET) PROGRAM	3,104	3,104
115	0305103C	CYBER SECURITY INITIATIVE	985	985
116	1206893C	SPACE TRACKING & SURVEILLANCE SYSTEM	36,955	36,955
117	1206895C	BALLISTIC MISSILE DEFENSE SYSTEM SPACE PROGRAMS	16,484	74,484
		Address cyber threats		[8,000]
		Develop space sensor architecture		[50,000]
		SUBTOTAL ADVANCED COMPONENT DEVELOPMENT AND PROTOTYPES.	**8,709,725**	**8,717,675**

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2019 Request	House Authorized
		SYSTEM DEVELOPMENT AND DEMONSTRATION		
118	0604161D8Z	NUCLEAR AND CONVENTIONAL PHYSICAL SECURITY EQUIPMENT RDT&E SDD.	8,333	8,333
119	0604165D8Z	PROMPT GLOBAL STRIKE CAPABILITY DEVELOPMENT	263,414	413,414
		Accelerate program		[150,000]
120	0604384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM—EMD	388,701	388,701
121	0604771D8Z	JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM (JTIDS)	19,503	19,503
122	0605000BR	COUNTER WEAPONS OF MASS DESTRUCTION SYSTEMS DEVELOPMENT.	6,163	6,163
123	0605013BL	INFORMATION TECHNOLOGY DEVELOPMENT	11,988	11,988
124	0605021SE	HOMELAND PERSONNEL SECURITY INITIATIVE	296	296
125	0605022D8Z	DEFENSE EXPORTABILITY PROGRAM	1,489	1,489
126	0605027D8Z	OUSD(C) IT DEVELOPMENT INITIATIVES	9,590	9,590
127	0605070S	DOD ENTERPRISE SYSTEMS DEVELOPMENT AND DEMONSTRATION.	3,173	3,173
128	0605075D8Z	DCMO POLICY AND INTEGRATION	2,105	2,105
129	0605080S	DEFENSE AGENCY INITIATIVES (DAI)—FINANCIAL SYSTEM	21,156	21,156
130	0605090S	DEFENSE RETIRED AND ANNUITANT PAY SYSTEM (DRAS)	10,731	10,731
132	0605210D8Z	DEFENSE-WIDE ELECTRONIC PROCUREMENT CAPABILITIES	6,374	6,374
133	0605294D8Z	TRUSTED & ASSURED MICROELECTRONICS	56,178	56,178
134	0303141K	GLOBAL COMBAT SUPPORT SYSTEM	2,512	2,512
135	0305304D8Z	DOD ENTERPRISE ENERGY INFORMATION MANAGEMENT (EEIM).	2,435	2,435
136	0305310D8Z	CWMD SYSTEMS: SYSTEM DEVELOPMENT AND DEMONSTRATION.	17,048	17,048
		SUBTOTAL SYSTEM DEVELOPMENT AND DEMONSTRATION.	**831,189**	**981,189**
		MANAGEMENT SUPPORT		
137	0604774D8Z	DEFENSE READINESS REPORTING SYSTEM (DRRS)	6,661	6,661
138	0604875D8Z	JOINT SYSTEMS ARCHITECTURE DEVELOPMENT	4,088	4,088
139	0604940D8Z	CENTRAL TEST AND EVALUATION INVESTMENT DEVELOPMENT (CTEIP).	258,796	258,796
140	0604942D8Z	ASSESSMENTS AND EVALUATIONS	31,356	31,356
141	0605001E	MISSION SUPPORT	65,646	65,646
142	0605100D8Z	JOINT MISSION ENVIRONMENT TEST CAPABILITY (JMETC)	84,184	84,184
143	0605104D8Z	TECHNICAL STUDIES, SUPPORT AND ANALYSIS	22,576	22,576
144	0605126J	JOINT INTEGRATED AIR AND MISSILE DEFENSE ORGANIZATION (JIAMDO).	52,565	42,565
		Unjustified program growth		[–10,000]
146	0605142D8Z	SYSTEMS ENGINEERING	38,872	38,872
147	0605151D8Z	STUDIES AND ANALYSIS SUPPORT—OSD	3,534	3,534
148	0605161D8Z	NUCLEAR MATTERS-PHYSICAL SECURITY	5,050	5,050
149	0605170D8Z	SUPPORT TO NETWORKS AND INFORMATION INTEGRATION	11,450	11,450
150	0605200D8Z	GENERAL SUPPORT TO USD (INTELLIGENCE)	1,693	1,693
151	0605384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM	102,883	102,883
159	0605790D8Z	SMALL BUSINESS INNOVATION RESEARCH (SBIR)/ SMALL BUSINESS TECHNOLOGY TRANSFER.	2,545	2,545
160	0605798D8Z	DEFENSE TECHNOLOGY ANALYSIS	24,487	24,487
161	0605801KA	DEFENSE TECHNICAL INFORMATION CENTER (DTIC)	56,853	56,853
162	0605803SE	R&D IN SUPPORT OF DOD ENLISTMENT, TESTING AND EVALUATION.	24,914	24,914
163	0605804D8Z	DEVELOPMENT TEST AND EVALUATION	20,179	20,179
164	0605898E	MANAGEMENT HQ—R&D	13,643	13,643
165	0605998KA	MANAGEMENT HQ—DEFENSE TECHNICAL INFORMATION CENTER (DTIC).	4,124	4,124
166	0606100D8Z	BUDGET AND PROGRAM ASSESSMENTS	5,768	5,768
167	0606225D8Z	ODNA TECHNOLOGY AND RESOURCE ANALYSIS	1,030	1,030
168	0606589D8W	DEFENSE DIGITAL SERVICE (DDS) DEVELOPMENT SUPPORT	1,000	1,000
169	0606942C	ASSESSMENTS AND EVALUATIONS CYBER VULNERABILITIES	3,400	3,400
170	0606942S	ASSESSMENTS AND EVALUATIONS CYBER VULNERABILITIES	4,000	4,000
171	0203345D8Z	DEFENSE OPERATIONS SECURITY INITIATIVE (DOSI)	3,008	3,008
172	0204571J	JOINT STAFF ANALYTICAL SUPPORT	6,658	6,658
175	0303166J	SUPPORT TO INFORMATION OPERATIONS (IO) CAPABILITIES	652	652
176	0303260D8Z	DEFENSE MILITARY DECEPTION PROGRAM OFFICE (DMDPO)	1,005	1,005
177	0305172K	COMBINED ADVANCED APPLICATIONS	21,363	21,363
180	0305245D8Z	INTELLIGENCE CAPABILITIES AND INNOVATION INVESTMENTS	109,529	109,529
181	0306310D8Z	CWMD SYSTEMS: RDT&E MANAGEMENT SUPPORT	1,244	1,244
184	0804768J	COCOM EXERCISE ENGAGEMENT AND TRAINING TRANSFORMATION (CE2T2)—NON-MHA.	42,940	42,940
185	0901598C	MANAGEMENT HQ—MDA	28,626	28,626
187	0903235K	JOINT SERVICE PROVIDER (JSP)	5,104	5,104
188A	9999999999	CLASSIFIED PROGRAMS	45,604	45,604
		SUBTOTAL MANAGEMENT SUPPORT	**1,117,030**	**1,107,030**
		OPERATIONAL SYSTEM DEVELOPMENT		
189	0604130V	ENTERPRISE SECURITY SYSTEM (ESS)	9,750	9,750
190	0605127T	REGIONAL INTERNATIONAL OUTREACH (RIO) AND PARTNERSHIP FOR PEACE INFORMATION MANA.	1,855	1,855

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Line	Program Element	Item	FY 2019 Request	House Authorized
191	0605147T	OVERSEAS HUMANITARIAN ASSISTANCE SHARED INFORMATION SYSTEM (OHASIS).	304	304
192	0607210D8Z	INDUSTRIAL BASE ANALYSIS AND SUSTAINMENT SUPPORT	10,376	10,376
193	0607310D8Z	CWMD SYSTEMS: OPERATIONAL SYSTEMS DEVELOPMENT	5,915	5,915
194	0607327T	GLOBAL THEATER SECURITY COOPERATION MANAGEMENT INFORMATION SYSTEMS (G-TSCMIS).	5,869	5,869
195	0607384BP	CHEMICAL AND BIOLOGICAL DEFENSE (OPERATIONAL SYSTEMS DEVELOPMENT).	48,741	48,741
196	0208043J	PLANNING AND DECISION AID SYSTEM (PDAS)	3,037	3,037
197	0208045K	C4I INTEROPERABILITY	62,814	62,814
203	0302019K	DEFENSE INFO INFRASTRUCTURE ENGINEERING AND INTEGRATION.	16,561	16,561
204	0303126K	LONG-HAUL COMMUNICATIONS—DCS	14,769	14,769
205	0303131K	MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NETWORK (MEECN).	17,579	17,579
207	0303136G	KEY MANAGEMENT INFRASTRUCTURE (KMI)	31,737	31,737
208	0303140D8Z	INFORMATION SYSTEMS SECURITY PROGRAM	7,940	17,940
		Expand cyber scholarship program		[10,000]
209	0303140G	INFORMATION SYSTEMS SECURITY PROGRAM	229,252	229,252
210	0303140K	INFORMATION SYSTEMS SECURITY PROGRAM	19,611	19,611
211	0303150K	GLOBAL COMMAND AND CONTROL SYSTEM	46,900	46,900
212	0303153K	DEFENSE SPECTRUM ORGANIZATION	7,570	7,570
213	0303228K	JOINT INFORMATION ENVIRONMENT (JIE)	7,947	7,947
215	0303430K	FEDERAL INVESTIGATIVE SERVICES INFORMATION TECHNOLOGY.	39,400	39,400
224	0305186D8Z	POLICY R&D PROGRAMS	6,262	6,262
225	0305199D8Z	NET CENTRICITY	16,780	16,780
227	0305208BB	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	6,286	6,286
230	0305208K	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	2,970	2,970
233	0305327V	INSIDER THREAT	5,954	5,954
234	0305387D8Z	HOMELAND DEFENSE TECHNOLOGY TRANSFER PROGRAM	2,198	2,198
240	0307577D8Z	INTELLIGENCE MISSION DATA (IMD)	6,889	6,889
242	0708012K	LOGISTICS SUPPORT ACTIVITIES	1,317	1,317
243	0708012S	PACIFIC DISASTER CENTERS	1,770	1,770
244	0708047S	DEFENSE PROPERTY ACCOUNTABILITY SYSTEM	1,805	1,805
246	1105219BB	MQ–9 UAV	18,403	18,403
248	1160403BB	AVIATION SYSTEMS	184,993	179,993
		Realignment of funds		[–5,000]
249	1160405BB	INTELLIGENCE SYSTEMS DEVELOPMENT	10,625	10,625
250	1160408BB	OPERATIONAL ENHANCEMENTS	102,307	102,307
251	1160431BB	WARRIOR SYSTEMS	46,942	46,942
252	1160432BB	SPECIAL PROGRAMS	2,479	2,479
253	1160434BB	UNMANNED ISR	27,270	27,270
254	1160480BB	SOF TACTICAL VEHICLES	1,121	1,121
255	1160483BB	MARITIME SYSTEMS	42,471	42,471
256	1160489BB	GLOBAL VIDEO SURVEILLANCE ACTIVITIES	4,780	4,780
257	1160490BB	OPERATIONAL ENHANCEMENTS INTELLIGENCE	12,176	12,176
258	1203610K	TELEPORT PROGRAM	2,323	2,323
258A	9999999999	CLASSIFIED PROGRAMS	3,877,898	3,877,898
		SUBTOTAL OPERATIONAL SYSTEM DEVELOPMENT	**4,973,946**	**4,978,946**
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, DW.	**22,016,553**	**22,114,503**
		OPERATIONAL TEST & EVAL, DEFENSE MANAGEMENT SUPPORT		
001	0605118OTE	OPERATIONAL TEST AND EVALUATION	85,685	85,685
002	0605131OTE	LIVE FIRE TEST AND EVALUATION	64,332	64,332
003	0605814OTE	OPERATIONAL TEST ACTIVITIES AND ANALYSES	70,992	70,992
		SUBTOTAL MANAGEMENT SUPPORT	**221,009**	**221,009**
		TOTAL OPERATIONAL TEST & EVAL, DEFENSE	**221,009**	**221,009**
		TOTAL RDT&E	**91,056,950**	**91,916,650**

SEC. 4202. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION FOR OVERSEAS CONTINGENCY OPERATIONS.

SEC. 4202. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION FOR OVERSEAS CONTINGENCY OPERATIONS
(In Thousands of Dollars)

Line	Program Element	Item	FY 2019 Request	House Authorized
		ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES		
056	0603327A	AIR AND MISSILE DEFENSE SYSTEMS ENGINEERING	1,000	0
		Realignment of EDI APS Unit Set from OCO to Base		[–1,000]
058	0603627A	SMOKE, OBSCURANT AND TARGET DEFEATING SYS-ADV DEV	1,500	1,500
061	0603747A	SOLDIER SUPPORT AND SURVIVABILITY	3,000	3,000
076	0604117A	MANEUVER—SHORT RANGE AIR DEFENSE (M-SHORAD)	23,000	0
		Realignment of EDI APS Unit Set from OCO to Base		[–23,000]
		SUBTOTAL ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES.	**28,500**	**4,500**
		SYSTEM DEVELOPMENT & DEMONSTRATION		
088	0604328A	TRACTOR CAGE	12,000	12,000
100	0604741A	AIR DEFENSE COMMAND, CONTROL AND INTELLIGENCE—ENG DEV.	119,300	119,300
125	0605032A	TRACTOR TIRE	66,760	66,760
128	0605035A	COMMON INFRARED COUNTERMEASURES (CIRCM)	2,670	2,670
136	0605051A	AIRCRAFT SURVIVABILITY DEVELOPMENT	34,933	34,933
147	0303032A	TROJAN—RH12	1,200	1,200
		SUBTOTAL SYSTEM DEVELOPMENT & DEMONSTRATION.	**236,863**	**236,863**
		OPERATIONAL SYSTEMS DEVELOPMENT		
184	0607131A	WEAPONS AND MUNITIONS PRODUCT IMPROVEMENT PROGRAMS	2,548	2,548
185	0607133A	TRACTOR SMOKE	7,780	7,780
206	0203801A	MISSILE/AIR DEFENSE PRODUCT IMPROVEMENT PROGRAM	2,000	0
		Realignment of EDI APS Unit Set from OCO to Base		[–2,000]
209	0205402A	INTEGRATED BASE DEFENSE—OPERATIONAL SYSTEM DEV	8,000	8,000
216	0303028A	SECURITY AND INTELLIGENCE ACTIVITIES	23,199	23,199
226	0305206A	AIRBORNE RECONNAISSANCE SYSTEMS	14,000	0
		Realignment of EDI APS Unit Set from OCO to Base		[–14,000]
231	0307665A	BIOMETRICS ENABLED INTELLIGENCE	2,214	2,214
		SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT	**59,741**	**43,741**
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, ARMY.	**325,104**	**285,104**
		ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES		
041	0603527N	RETRACT LARCH	18,000	18,000
061	0603654N	JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT	13,900	13,900
074	0603795N	LAND ATTACK TECHNOLOGY	1,400	1,400
		SUBTOTAL ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES.	**33,300**	**33,300**
		SYSTEM DEVELOPMENT & DEMONSTRATION		
149	0604755N	SHIP SELF DEFENSE (DETECT & CONTROL)	1,100	1,100
		SUBTOTAL SYSTEM DEVELOPMENT & DEMONSTRATION.	**1,100**	**1,100**
		OPERATIONAL SYSTEMS DEVELOPMENT		
236	0206313M	MARINE CORPS COMMUNICATIONS SYSTEMS	16,130	16,130
268A	9999999999	CLASSIFIED PROGRAMS	117,282	117,282
		SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT	**133,412**	**133,412**
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, NAVY.	**167,812**	**167,812**
		ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES		
065	1206438F	SPACE CONTROL TECHNOLOGY	1,100	1,100
070	1206857F	OPERATIONALLY RESPONSIVE SPACE	12,395	12,395
		SUBTOTAL ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES.	**13,495**	**13,495**
		OPERATIONAL SYSTEMS DEVELOPMENT		
186	0205219F	MQ–9 UAV	4,500	4,500
187	0205671F	JOINT COUNTER RCIED ELECTRONIC WARFARE	4,000	4,000
188	0207131F	A–10 SQUADRONS	1,000	1,000

SEC. 4202. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION FOR OVERSEAS CONTINGENCY OPERATIONS
(In Thousands of Dollars)

Line	Program Element	Item	FY 2019 Request	House Authorized
217	0207610F	BATTLEFIELD ABN COMM NODE (BACN)	42,349	42,349
228	0208288F	INTEL DATA APPLICATIONS	1,200	1,200
254	0305111F	WEATHER SERVICE	3,000	3,000
268	0305202F	DRAGON U–2	22,100	22,100
272	0305208F	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	29,500	29,500
310	1202247F	AF TENCAP	5,000	5,000
327A	9999999999	CLASSIFIED PROGRAMS	188,127	188,127
		SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT	**300,776**	**300,776**
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, AF.	**314,271**	**314,271**
		ADVANCED TECHNOLOGY DEVELOPMENT		
024	0603122D8Z	COMBATING TERRORISM TECHNOLOGY SUPPORT	25,000	25,000
026	0603134BR	COUNTER IMPROVISED-THREAT SIMULATION	13,648	13,648
		SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT	**38,648**	**38,648**
		ADVANCED COMPONENT DEVELOPMENT AND PROTOTYPES		
094	0604134BR	COUNTER IMPROVISED-THREAT DEMONSTRATION, PROTOTYPE DEVELOPMENT, AND TESTING.	242,668	242,668
		SUBTOTAL ADVANCED COMPONENT DEVELOPMENT AND PROTOTYPES.	**242,668**	**242,668**
		OPERATIONAL SYSTEM DEVELOPMENT		
250	1160408BB	OPERATIONAL ENHANCEMENTS	3,632	3,632
251	1160431BB	WARRIOR SYSTEMS	11,040	11,040
253	1160434BB	UNMANNED ISR	11,700	11,700
254	1160480BB	SOF TACTICAL VEHICLES	725	725
258A	9999999999	CLASSIFIED PROGRAMS	192,131	192,131
		SUBTOTAL OPERATIONAL SYSTEM DEVELOPMENT	**219,228**	**219,228**
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, DW.	**500,544**	**500,544**
		TOTAL RDT&E	**1,307,731**	**1,267,731**

TITLE XLIII—OPERATION AND MAINTENANCE

SEC. 4301. OPERATION AND MAINTENANCE.

SEC. 4301. OPERATION AND MAINTENANCE
(In Thousands of Dollars)

Line	Item	FY 2019 Request	House Authorized
	OPERATION & MAINTENANCE, ARMY		
	OPERATING FORCES		
010	MANEUVER UNITS	2,076,360	1,631,060
	Readiness restoration		[9,400]
	Realign OCO requirements from Base to OCO		[–454,700]
020	MODULAR SUPPORT BRIGADES	107,946	109,746
	Readiness restoration		[1,800]
030	ECHELONS ABOVE BRIGADE	732,485	588,515
	Readiness restoration		[7,600]
	Realign OCO requirements from Base to OCO		[–151,570]
040	THEATER LEVEL ASSETS	1,169,508	945,308
	Readiness restoration		[18,300]
	Realign OCO requirements from Base to OCO		[–242,500]
050	LAND FORCES OPERATIONS SUPPORT	1,180,460	1,197,960
	Readiness restoration		[17,500]
060	AVIATION ASSETS	1,467,500	1,485,300
	Readiness restoration		[17,800]
070	FORCE READINESS OPERATIONS SUPPORT	4,285,211	3,680,951
	Female personal protective equipment		[2,000]
	Realign OCO requirements from Base to OCO		[–606,260]
080	LAND FORCES SYSTEMS READINESS	482,201	482,201
090	LAND FORCES DEPOT MAINTENANCE	1,536,851	1,375,231

SEC. 4301. OPERATION AND MAINTENANCE
(In Thousands of Dollars)

Line	Item	FY 2019 Request	House Authorized
	Readiness restoration		*[111,200]*
	Realign OCO requirements from Base to OCO		*[–272,820]*
100	*BASE OPERATIONS SUPPORT*	*8,274,299*	*7,668,039*
	Realign OCO requirements from Base to OCO		*[–606,260]*
110	*FACILITIES SUSTAINMENT*	*3,516,859*	*2,497,978*
	85% Sustainment		*[175,469]*
	Capability Output Level 3 Funding		*[25,000]*
	Realignment of FSRM funds to new RM and Demo lines		*[–1,219,350]*
111	*FACILITIES RESTORATION & MODERNIZATION*		*1,054,140*
	Realignment of FSRM funds to new RM and Demo lines		*[1,054,140]*
112	*FACILITIES DEMOLITION*		*215,210*
	Program increase		*[50,000]*
	Realignment of FSRM funds to new RM and Demo lines		*[165,210]*
120	*MANAGEMENT AND OPERATIONAL HEADQUARTERS*	*438,733*	*438,733*
180	*US AFRICA COMMAND*	*231,518*	*231,518*
190	*US EUROPEAN COMMAND*	*150,268*	*150,268*
200	*US SOUTHERN COMMAND*	*195,964*	*195,964*
210	*US FORCES KOREA*	*59,625*	*59,625*
	SUBTOTAL OPERATING FORCES	***25,905,788***	***24,007,747***
	MOBILIZATION		
220	*STRATEGIC MOBILITY*	*370,941*	*370,941*
230	*ARMY PREPOSITIONED STOCKS*	*573,560*	*732,313*
	Realignment of EDI APS Unit Set from OCO to Base		*[158,753]*
240	*INDUSTRIAL PREPAREDNESS*	*7,678*	*7,678*
	SUBTOTAL MOBILIZATION	***952,179***	***1,110,932***
	TRAINING AND RECRUITING		
250	*OFFICER ACQUISITION*	*135,832*	*135,832*
260	*RECRUIT TRAINING*	*54,819*	*54,819*
270	*ONE STATION UNIT TRAINING*	*69,599*	*69,599*
280	*SENIOR RESERVE OFFICERS TRAINING CORPS*	*518,998*	*518,998*
290	*SPECIALIZED SKILL TRAINING*	*1,020,073*	*1,020,073*
300	*FLIGHT TRAINING*	*1,082,190*	*1,082,190*
310	*PROFESSIONAL DEVELOPMENT EDUCATION*	*220,399*	*220,399*
320	*TRAINING SUPPORT*	*611,482*	*611,482*
330	*RECRUITING AND ADVERTISING*	*698,962*	*698,962*
340	*EXAMINING*	*162,049*	*162,049*
350	*OFF-DUTY AND VOLUNTARY EDUCATION*	*215,622*	*215,622*
360	*CIVILIAN EDUCATION AND TRAINING*	*176,914*	*176,914*
370	*JUNIOR RESERVE OFFICER TRAINING CORPS*	*174,430*	*174,430*
	SUBTOTAL TRAINING AND RECRUITING	***5,141,369***	***5,141,369***
	ADMIN & SRVWIDE ACTIVITIES		
390	*SERVICEWIDE TRANSPORTATION*	*588,047*	*436,447*
	Realign OCO requirements from Base to OCO		*[–151,600]*
400	*CENTRAL SUPPLY ACTIVITIES*	*931,462*	*931,462*
410	*LOGISTIC SUPPORT ACTIVITIES*	*696,114*	*696,114*
420	*AMMUNITION MANAGEMENT*	*461,637*	*461,637*
430	*ADMINISTRATION*	*447,564*	*447,564*
440	*SERVICEWIDE COMMUNICATIONS*	*2,069,127*	*2,069,127*
450	*MANPOWER MANAGEMENT*	*261,021*	*261,021*
460	*OTHER PERSONNEL SUPPORT*	*379,541*	*379,541*
470	*OTHER SERVICE SUPPORT*	*1,699,767*	*1,699,767*
480	*ARMY CLAIMS ACTIVITIES*	*192,686*	*192,686*
490	*REAL ESTATE MANAGEMENT*	*240,917*	*240,917*
500	*FINANCIAL MANAGEMENT AND AUDIT READINESS*	*291,569*	*291,569*
510	*INTERNATIONAL MILITARY HEADQUARTERS*	*442,656*	*442,656*
520	*MISC. SUPPORT OF OTHER NATIONS*	*48,251*	*58,251*
	NATO Cooperative Cyber Defense Center of Excellence		*[5,000]*
	NATO Strategic Communications Center of Excellence		*[5,000]*
565	*CLASSIFIED PROGRAMS*	*1,259,622*	*1,259,622*
	SUBTOTAL ADMIN & SRVWIDE ACTIVITIES	***10,009,981***	***9,868,381***
	UNDISTRIBUTED		
570	*UNDISTRIBUTED*		*–894,500*
	Foreign Currency adjustments		*[–210,300]*
	Historical unobligated balances		*[–694,200]*
	Simulators and other technologies to reduce the use of live animal tissue for medical training		*[10,000]*

SEC. 4301. OPERATION AND MAINTENANCE
(In Thousands of Dollars)

Line	Item	FY 2019 Request	House Authorized
	SUBTOTAL UNDISTRIBUTED		**–894,500**
	TOTAL OPERATION & MAINTENANCE, ARMY	**42,009,317**	**39,233,929**
	OPERATION & MAINTENANCE, ARMY RES		
	OPERATING FORCES		
010	MODULAR SUPPORT BRIGADES	13,867	13,867
020	ECHELONS ABOVE BRIGADE	536,438	536,438
030	THEATER LEVEL ASSETS	113,225	113,225
040	LAND FORCES OPERATIONS SUPPORT	551,141	551,141
050	AVIATION ASSETS	89,073	89,073
060	FORCE READINESS OPERATIONS SUPPORT	409,531	409,531
070	LAND FORCES SYSTEMS READINESS	101,411	101,411
080	LAND FORCES DEPOT MAINTENANCE	60,114	60,114
090	BASE OPERATIONS SUPPORT	595,728	595,728
100	FACILITIES SUSTAINMENT	304,658	263,065
	Realignment of FSRM funds to new RM and Demo lines		[–71,593]
	Sustainment recovery		[30,000]
101	FACILITIES RESTORATION & MODERNIZATION		49,176
	Realignment of FSRM funds to new RM and Demo lines		[49,176]
102	FACILITIES DEMOLITION		22,417
	Realignment of FSRM funds to new RM and Demo lines		[22,417]
110	MANAGEMENT AND OPERATIONAL HEADQUARTERS	22,175	22,175
	SUBTOTAL OPERATING FORCES	**2,797,361**	**2,827,361**
	ADMIN & SRVWD ACTIVITIES		
120	SERVICEWIDE TRANSPORTATION	11,832	11,832
130	ADMINISTRATION	18,218	18,218
140	SERVICEWIDE COMMUNICATIONS	25,069	25,069
150	MANPOWER MANAGEMENT	6,248	6,248
160	RECRUITING AND ADVERTISING	58,181	58,181
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	**119,548**	**119,548**
	TOTAL OPERATION & MAINTENANCE, ARMY RES	**2,916,909**	**2,946,909**
	OPERATION & MAINTENANCE, ARNG		
	OPERATING FORCES		
010	MANEUVER UNITS	810,269	810,269
020	MODULAR SUPPORT BRIGADES	193,402	193,402
030	ECHELONS ABOVE BRIGADE	753,815	753,815
040	THEATER LEVEL ASSETS	84,124	84,124
050	LAND FORCES OPERATIONS SUPPORT	31,881	31,881
060	AVIATION ASSETS	973,874	973,874
070	FORCE READINESS OPERATIONS SUPPORT	784,086	784,086
080	LAND FORCES SYSTEMS READINESS	51,353	51,353
090	LAND FORCES DEPOT MAINTENANCE	221,633	221,633
100	BASE OPERATIONS SUPPORT	1,129,942	1,129,942
110	FACILITIES SUSTAINMENT	919,947	888,760
	Realignment of FSRM funds to new RM and Demo lines		[–101,187]
	Sustainment recovery		[70,000]
111	FACILITIES RESTORATION & MODERNIZATION		85,859
	Realignment of FSRM funds to new RM and Demo lines		[85,859]
112	FACILITIES DEMOLITION		15,328
	Realignment of FSRM funds to new RM and Demo lines		[15,328]
120	MANAGEMENT AND OPERATIONAL HEADQUARTERS	1,010,524	1,010,524
	SUBTOTAL OPERATING FORCES	**6,964,850**	**7,034,850**
	ADMIN & SRVWD ACTIVITIES		
130	SERVICEWIDE TRANSPORTATION	10,017	10,017
140	ADMINISTRATION	72,746	72,746
150	SERVICEWIDE COMMUNICATIONS	83,105	83,105
160	MANPOWER MANAGEMENT	10,678	10,678
170	OTHER PERSONNEL SUPPORT	254,753	254,753
180	REAL ESTATE MANAGEMENT	3,146	3,146
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	**434,445**	**434,445**
	TOTAL OPERATION & MAINTENANCE, ARNG	**7,399,295**	**7,469,295**
	OPERATION & MAINTENANCE, NAVY		

SEC. 4301. OPERATION AND MAINTENANCE
(In Thousands of Dollars)

Line	Item	FY 2019 Request	House Authorized
	OPERATING FORCES		
010	MISSION AND OTHER FLIGHT OPERATIONS	5,372,399	5,372,399
020	FLEET AIR TRAINING	2,023,351	2,014,593
	Advanced skills management		[–8,758]
030	AVIATION TECHNICAL DATA & ENGINEERING SERVICES	56,225	56,225
040	AIR OPERATIONS AND SAFETY SUPPORT	156,081	156,081
050	AIR SYSTEMS SUPPORT	682,379	682,379
060	AIRCRAFT DEPOT MAINTENANCE	1,253,756	1,291,156
	Readiness restoration		[37,400]
070	AIRCRAFT DEPOT OPERATIONS SUPPORT	66,649	66,649
080	AVIATION LOGISTICS	939,368	945,768
	Readiness restoration		[6,400]
090	MISSION AND OTHER SHIP OPERATIONS	4,439,566	4,439,566
100	SHIP OPERATIONS SUPPORT & TRAINING	997,663	997,663
110	SHIP DEPOT MAINTENANCE	8,751,526	8,900,126
	Readiness restoration		[116,600]
	Western Pacific Dry Dock capability		[32,000]
120	SHIP DEPOT OPERATIONS SUPPORT	2,168,876	2,168,876
130	COMBAT COMMUNICATIONS AND ELECTRONIC WARFARE	1,349,593	1,349,593
150	SPACE SYSTEMS AND SURVEILLANCE	215,255	215,255
160	WARFARE TACTICS	632,446	632,446
170	OPERATIONAL METEOROLOGY AND OCEANOGRAPHY	373,046	373,046
180	COMBAT SUPPORT FORCES	1,452,075	1,452,075
190	EQUIPMENT MAINTENANCE AND DEPOT OPERATIONS SUPPORT	153,719	153,719
210	COMBATANT COMMANDERS CORE OPERATIONS	63,039	63,039
220	COMBATANT COMMANDERS DIRECT MISSION SUPPORT	89,339	89,339
230	MILITARY INFORMATION SUPPORT OPERATIONS	8,475	8,475
240	CYBERSPACE ACTIVITIES	424,088	424,088
260	FLEET BALLISTIC MISSILE	1,361,947	1,361,947
280	WEAPONS MAINTENANCE	823,952	819,452
	Insufficient budget justification for submarine acoustic systems		[–4,500]
290	OTHER WEAPON SYSTEMS SUPPORT	494,101	494,101
300	ENTERPRISE INFORMATION	921,936	921,936
310	FACILITIES SUSTAINMENT	2,040,389	1,712,222
	85% Sustainment		[101,000]
	Capability Output Level 3 Funding		[20,000]
	Project oversight (Unjustified Growth)		[–85,420]
	Realignment of FSRM funds to new RM and Demo lines		[–363,747]
311	FACILITIES RESTORATION & MODERNIZATION		243,745
	Realignment of FSRM funds to new RM and Demo lines		[243,745]
312	FACILITIES DEMOLITION		160,002
	Program increase		[40,000]
	Realignment of FSRM funds to new RM and Demo lines		[120,002]
320	BASE OPERATING SUPPORT	4,414,753	4,414,753
	SUBTOTAL OPERATING FORCES	**41,725,992**	**41,980,714**
	MOBILIZATION		
330	SHIP PREPOSITIONING AND SURGE	549,142	400,545
	Realign DoD Mobilization Alternation to NDSF		[–20,858]
	Realign LG Med Spd RO/RO Maintenance to NDSF		[–127,739]
340	READY RESERVE FORCE	310,805	0
	Realign Ready Reserve Forces to NDSF		[–310,805]
360	SHIP ACTIVATIONS/INACTIVATIONS	161,150	161,150
370	EXPEDITIONARY HEALTH SERVICES SYSTEMS	120,338	47,988
	Realign T-AH Maintenance to NDSF		[–72,350]
390	COAST GUARD SUPPORT	24,097	24,097
	SUBTOTAL MOBILIZATION	**1,165,532**	**633,780**
	TRAINING AND RECRUITING		
400	OFFICER ACQUISITION	145,481	145,481
410	RECRUIT TRAINING	9,637	9,637
420	RESERVE OFFICERS TRAINING CORPS	149,687	149,687
430	SPECIALIZED SKILL TRAINING	879,557	879,557
450	PROFESSIONAL DEVELOPMENT EDUCATION	184,436	186,136
	Naval Sea Cadets		[1,700]
460	TRAINING SUPPORT	223,159	223,159
470	RECRUITING AND ADVERTISING	181,086	181,086
480	OFF-DUTY AND VOLUNTARY EDUCATION	96,006	96,006
490	CIVILIAN EDUCATION AND TRAINING	72,083	72,083

SEC. 4301. OPERATION AND MAINTENANCE
(In Thousands of Dollars)

Line	Item	FY 2019 Request	House Authorized
500	JUNIOR ROTC	54,156	54,156
	SUBTOTAL TRAINING AND RECRUITING	**1,995,288**	**1,996,988**
	ADMIN & SRVWD ACTIVITIES		
510	ADMINISTRATION	1,089,964	1,089,964
530	CIVILIAN MANPOWER AND PERSONNEL MANAGEMENT	164,074	164,074
540	MILITARY MANPOWER AND PERSONNEL MANAGEMENT	418,350	418,350
580	SERVICEWIDE TRANSPORTATION	167,106	167,106
600	PLANNING, ENGINEERING, AND PROGRAM SUPPORT	333,556	333,556
610	ACQUISITION, LOGISTICS, AND OVERSIGHT	663,690	663,690
650	INVESTIGATIVE AND SECURITY SERVICES	705,087	705,087
765	CLASSIFIED PROGRAMS	574,994	574,994
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	**4,116,821**	**4,116,821**
	UNDISTRIBUTED		
770	UNDISTRIBUTED		–398,100
	Foreign Currency adjustments		[–55,100]
	Historical unobligated balances		[–343,000]
	SUBTOTAL UNDISTRIBUTED		**–398,100**
	TOTAL OPERATION & MAINTENANCE, NAVY	**49,003,633**	**48,330,203**
	OPERATION & MAINTENANCE, MARINE CORPS		
	OPERATING FORCES		
010	OPERATIONAL FORCES	873,320	885,720
	Additional parts & spares to support intermediate & organizational maintenance		[8,200]
	Additional training requirements		[4,200]
020	FIELD LOGISTICS	1,094,187	1,094,187
030	DEPOT MAINTENANCE	314,182	341,082
	Readiness restoration		[26,900]
040	MARITIME PREPOSITIONING	98,136	98,136
050	CYBERSPACE ACTIVITIES	183,546	183,546
060	FACILITIES SUSTAINMENT	832,636	746,354
	85% Sustainment		[42,400]
	Capability Output Level 3 Funding		[10,000]
	Realignment of FSRM funds to new RM and Demo lines		[–138,682]
061	FACILITIES RESTORATION & MODERNIZATION		61,469
	Realignment of FSRM funds to new RM and Demo lines		[61,469]
062	FACILITIES DEMOLITION		107,213
	Program increase		[30,000]
	Realignment of FSRM funds to new RM and Demo lines		[77,213]
070	BASE OPERATING SUPPORT	2,151,390	2,151,390
	SUBTOTAL OPERATING FORCES	**5,547,397**	**5,669,097**
	TRAINING AND RECRUITING		
080	RECRUIT TRAINING	16,453	16,453
090	OFFICER ACQUISITION	1,144	1,144
100	SPECIALIZED SKILL TRAINING	106,360	106,360
110	PROFESSIONAL DEVELOPMENT EDUCATION	46,096	46,096
120	TRAINING SUPPORT	389,751	389,751
130	RECRUITING AND ADVERTISING	201,662	201,662
140	OFF-DUTY AND VOLUNTARY EDUCATION	32,461	32,461
150	JUNIOR ROTC	24,217	24,217
	SUBTOTAL TRAINING AND RECRUITING	**818,144**	**818,144**
	ADMIN & SRVWD ACTIVITIES		
160	SERVICEWIDE TRANSPORTATION	29,735	29,735
170	ADMINISTRATION	386,375	386,375
225	CLASSIFIED PROGRAMS	50,859	50,859
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	**466,969**	**466,969**
	UNDISTRIBUTED		
230	UNDISTRIBUTED		–43,600
	Foreign Currency adjustments		[–13,600]
	Historical unobligated balances		[–30,000]
	SUBTOTAL UNDISTRIBUTED		**–43,600**
	TOTAL OPERATION & MAINTENANCE, MARINE CORPS	**6,832,510**	**6,910,610**

SEC. 4301. OPERATION AND MAINTENANCE
(In Thousands of Dollars)

Line	Item	FY 2019 Request	House Authorized
	OPERATION & MAINTENANCE, NAVY RES		
	OPERATING FORCES		
010	MISSION AND OTHER FLIGHT OPERATIONS	569,584	569,584
020	INTERMEDIATE MAINTENANCE	6,902	6,902
030	AIRCRAFT DEPOT MAINTENANCE	109,776	109,776
040	AIRCRAFT DEPOT OPERATIONS SUPPORT	538	538
050	AVIATION LOGISTICS	18,888	18,888
060	SHIP OPERATIONS SUPPORT & TRAINING	574	574
070	COMBAT COMMUNICATIONS	17,561	17,561
080	COMBAT SUPPORT FORCES	121,070	121,070
090	CYBERSPACE ACTIVITIES	337	337
100	ENTERPRISE INFORMATION	23,964	23,964
110	FACILITIES SUSTAINMENT	36,356	41,151
	Realignment of FSRM funds to new RM and Demo lines		*[–5,205]*
	Sustainment recovery		*[10,000]*
111	FACILITIES RESTORATION & MODERNIZATION		3,205
	Realignment of FSRM funds to new RM and Demo lines		*[3,205]*
112	FACILITIES DEMOLITION		2,000
	Realignment of FSRM funds to new RM and Demo lines		*[2,000]*
120	BASE OPERATING SUPPORT	103,562	103,562
	SUBTOTAL OPERATING FORCES	**1,009,112**	**1,019,112**
	ADMIN & SRVWD ACTIVITIES		
130	ADMINISTRATION	1,868	1,868
140	MILITARY MANPOWER AND PERSONNEL MANAGEMENT	12,849	12,849
160	ACQUISITION AND PROGRAM MANAGEMENT	3,177	3,177
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	**17,894**	**17,894**
	TOTAL OPERATION & MAINTENANCE, NAVY RES	**1,027,006**	**1,037,006**
	OPERATION & MAINTENANCE, MC RESERVE		
	OPERATING FORCES		
010	OPERATING FORCES	99,173	107,873
	Additional training requirements		*[8,700]*
020	DEPOT MAINTENANCE	19,430	19,430
030	FACILITIES SUSTAINMENT	39,962	25,666
	Realignment of FSRM funds to new RM and Demo lines		*[–22,296]*
	Sustainment recovery		*[8,000]*
031	FACILITIES RESTORATION & MODERNIZATION		22,296
	Realignment of FSRM funds to new RM and Demo lines		*[22,296]*
040	BASE OPERATING SUPPORT	101,829	101,829
	SUBTOTAL OPERATING FORCES	**260,394**	**277,094**
	ADMIN & SRVWD ACTIVITIES		
050	ADMINISTRATION	11,176	11,176
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	**11,176**	**11,176**
	TOTAL OPERATION & MAINTENANCE, MC RESERVE	**271,570**	**288,270**
	OPERATION & MAINTENANCE, AIR FORCE		
	OPERATING FORCES		
010	PRIMARY COMBAT FORCES	758,178	758,178
020	COMBAT ENHANCEMENT FORCES	1,509,027	1,509,027
030	AIR OPERATIONS TRAINING (OJT, MAINTAIN SKILLS)	1,323,330	1,323,330
040	DEPOT PURCHASE EQUIPMENT MAINTENANCE	3,511,830	3,596,330
	Readiness restoration		*[46,500]*
	Restoration of U–2 Tail #80–1099		*[38,000]*
050	FACILITIES SUSTAINMENT	2,892,705	2,621,824
	85% Sustainment		*[152,000]*
	Capability Output Level 3 Funding		*[23,000]*
	Realignment of FSRM funds to new RM and Demo lines		*[–445,881]*
051	FACILITIES RESTORATION & MODERNIZATION		420,861
	Realignment of FSRM funds to new RM and Demo lines		*[420,861]*
052	FACILITIES DEMOLITION		67,020
	Program increase		*[42,000]*
	Realignment of FSRM funds to new RM and Demo lines		*[25,020]*
060	CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT	7,613,084	7,687,884

SEC. 4301. OPERATION AND MAINTENANCE
(In Thousands of Dollars)

Line	Item	FY 2019 Request	House Authorized
	Readiness restoration		*[74,800]*
070	*FLYING HOUR PROGRAM*	*4,345,208*	*4,345,208*
080	*BASE SUPPORT*	*5,989,215*	*5,989,215*
090	*GLOBAL C3I AND EARLY WARNING*	*928,023*	*928,023*
100	*OTHER COMBAT OPS SPT PROGRAMS*	*1,080,956*	*1,080,956*
110	*CYBERSPACE ACTIVITIES*	*879,032*	*879,032*
130	*LAUNCH FACILITIES*	*183,777*	*183,777*
140	*SPACE CONTROL SYSTEMS*	*404,072*	*404,072*
170	*US NORTHCOM/NORAD*	*187,375*	*187,375*
180	*US STRATCOM*	*529,902*	*529,902*
190	*US CYBERCOM*	*329,474*	*329,474*
200	*US CENTCOM*	*166,024*	*166,024*
210	*US SOCOM*	*723*	*723*
220	*US TRANSCOM*	*535*	*535*
225	*CLASSIFIED PROGRAMS*	*1,164,810*	*1,164,810*
	SUBTOTAL OPERATING FORCES	***33,797,280***	***34,173,580***
	MOBILIZATION		
230	*AIRLIFT OPERATIONS*	*1,307,695*	*1,307,695*
240	*MOBILIZATION PREPAREDNESS*	*144,417*	*144,417*
	SUBTOTAL MOBILIZATION	***1,452,112***	***1,452,112***
	TRAINING AND RECRUITING		
280	*OFFICER ACQUISITION*	*133,187*	*133,187*
290	*RECRUIT TRAINING*	*25,041*	*25,041*
300	*RESERVE OFFICERS TRAINING CORPS (ROTC)*	*117,338*	*117,338*
330	*SPECIALIZED SKILL TRAINING*	*401,996*	*401,996*
340	*FLIGHT TRAINING*	*477,064*	*477,064*
350	*PROFESSIONAL DEVELOPMENT EDUCATION*	*276,423*	*276,423*
360	*TRAINING SUPPORT*	*95,948*	*95,948*
380	*RECRUITING AND ADVERTISING*	*154,530*	*154,530*
390	*EXAMINING*	*4,132*	*4,132*
400	*OFF-DUTY AND VOLUNTARY EDUCATION*	*223,150*	*223,150*
410	*CIVILIAN EDUCATION AND TRAINING*	*209,497*	*209,497*
420	*JUNIOR ROTC*	*59,908*	*59,908*
	SUBTOTAL TRAINING AND RECRUITING	***2,178,214***	***2,178,214***
	ADMIN & SRVWD ACTIVITIES		
430	*LOGISTICS OPERATIONS*	*681,788*	*681,788*
440	*TECHNICAL SUPPORT ACTIVITIES*	*117,812*	*117,812*
480	*ADMINISTRATION*	*953,102*	*953,102*
490	*SERVICEWIDE COMMUNICATIONS*	*358,389*	*358,389*
500	*OTHER SERVICEWIDE ACTIVITIES*	*1,194,862*	*1,194,862*
510	*CIVIL AIR PATROL*	*29,594*	*29,594*
540	*INTERNATIONAL SUPPORT*	*74,959*	*74,959*
545	*CLASSIFIED PROGRAMS*	*1,222,456*	*1,222,456*
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	***4,632,962***	***4,632,962***
	UNDISTRIBUTED		
550	*UNDISTRIBUTED*		*–455,200*
	Foreign Currency adjustments		*[–104,500]*
	Historical unobligated balances		*[–350,700]*
	SUBTOTAL UNDISTRIBUTED		***–455,200***
	TOTAL OPERATION & MAINTENANCE, AIR FORCE	***42,060,568***	***41,981,668***
	OPERATION & MAINTENANCE, AF RESERVE		
	OPERATING FORCES		
010	*PRIMARY COMBAT FORCES*	*1,853,437*	*1,853,437*
020	*MISSION SUPPORT OPERATIONS*	*205,369*	*205,369*
030	*DEPOT PURCHASE EQUIPMENT MAINTENANCE*	*345,576*	*347,476*
	Readiness restoration		*[1,900]*
040	*FACILITIES SUSTAINMENT*	*120,736*	*123,103*
	Realignment of FSRM funds to new RM and Demo lines		*[–27,633]*
	Sustainment recovery		*[30,000]*
041	*FACILITIES RESTORATION & MODERNIZATION*		*27,633*
	Realignment of FSRM funds to new RM and Demo lines		*[27,633]*
050	*CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT*	*241,239*	*259,939*
	Readiness restoration		*[18,700]*

SEC. 4301. OPERATION AND MAINTENANCE
(In Thousands of Dollars)

Line	Item	FY 2019 Request	House Authorized
060	BASE SUPPORT	385,922	385,922
	SUBTOTAL OPERATING FORCES	**3,152,279**	**3,202,879**
	ADMINISTRATION AND SERVICEWIDE ACTIVITIES		
070	ADMINISTRATION	71,188	71,188
080	RECRUITING AND ADVERTISING	19,429	19,429
090	MILITARY MANPOWER AND PERS MGMT (ARPC)	9,386	9,386
100	OTHER PERS SUPPORT (DISABILITY COMP)	7,512	7,512
110	AUDIOVISUAL	440	440
	SUBTOTAL ADMINISTRATION AND SERVICEWIDE ACTIVITIES	**107,955**	**107,955**
	TOTAL OPERATION & MAINTENANCE, AF RESERVE	**3,260,234**	**3,310,834**
	OPERATION & MAINTENANCE, ANG		
	OPERATING FORCES		
010	AIRCRAFT OPERATIONS	2,619,940	2,619,940
020	MISSION SUPPORT OPERATIONS	623,265	623,265
030	DEPOT PURCHASE EQUIPMENT MAINTENANCE	748,287	748,287
040	FACILITIES SUSTAINMENT	303,792	289,700
	Realignment of FSRM funds to new RM and Demo lines		[–34,092]
	Sustainment recovery		[20,000]
041	FACILITIES RESTORATION & MODERNIZATION		31,696
	Realignment of FSRM funds to new RM and Demo lines		[31,696]
042	FACILITIES DEMOLITION		2,396
	Realignment of FSRM funds to new RM and Demo lines		[2,396]
050	CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT	1,061,759	1,064,759
	Readiness restoration		[3,000]
060	BASE SUPPORT	988,333	989,233
	Readiness restoration		[900]
	SUBTOTAL OPERATING FORCES	**6,345,376**	**6,369,276**
	ADMINISTRATION AND SERVICE-WIDE ACTIVITIES		
070	ADMINISTRATION	45,711	45,711
080	RECRUITING AND ADVERTISING	36,535	36,535
	SUBTOTAL ADMINISTRATION AND SERVICE-WIDE ACTIVITIES	**82,246**	**82,246**
	TOTAL OPERATION & MAINTENANCE, ANG	**6,427,622**	**6,451,522**
	OPERATION AND MAINTENANCE, DEFENSE-WIDE		
	OPERATING FORCES		
010	JOINT CHIEFS OF STAFF	430,215	430,215
020	JOINT CHIEFS OF STAFF—CE2T2	602,186	602,186
040	SPECIAL OPERATIONS COMMAND/OPERATING FORCES	5,389,250	5,215,250
	Civilian pay ahead of need		[–10,700]
	Communications		[–20,000]
	DCGS-SOF		[–10,000]
	MC–12 ahead of need		[–33,300]
	Program decrease		[–100,000]
	SUBTOTAL OPERATING FORCES	**6,421,651**	**6,247,651**
	TRAINING AND RECRUITING		
050	DEFENSE ACQUISITION UNIVERSITY	181,601	172,501
	Efficiencies within the 4th estate		[–9,100]
060	JOINT CHIEFS OF STAFF	96,565	96,565
070	SPECIAL OPERATIONS COMMAND/TRAINING AND RECRUITING	370,583	370,583
	SUBTOTAL TRAINING AND RECRUITING	**648,749**	**639,649**
	ADMIN & SRVWIDE ACTIVITIES		
080	CIVIL MILITARY PROGRAMS	166,131	186,131
	STARBASE		[20,000]
100	DEFENSE CONTRACT AUDIT AGENCY	625,633	594,333
	Efficiencies within the 4th estate		[–31,300]
110	DEFENSE CONTRACT MANAGEMENT AGENCY	1,465,354	1,392,054
	Efficiencies within the 4th estate		[–73,300]
120	DEFENSE HUMAN RESOURCES ACTIVITY	859,923	816,923
	Efficiencies within the 4th estate		[–43,000]

SEC. 4301. OPERATION AND MAINTENANCE
(In Thousands of Dollars)

Line	Item	FY 2019 Request	House Authorized
130	DEFENSE INFORMATION SYSTEMS AGENCY	2,106,930	2,001,630
	Efficiencies within the 4th estate		[–105,300]
150	DEFENSE LEGAL SERVICES AGENCY	27,403	26,003
	Efficiencies within the 4th estate		[–1,400]
160	DEFENSE LOGISTICS AGENCY	379,275	385,750
	Efficiencies within the 4th estate		[–19,000]
	Program increase for the Procurement Technical Assistance Program (PTAP)		[25,475]
170	DEFENSE MEDIA ACTIVITY	207,537	197,137
	Efficiencies within the 4th estate		[–10,400]
180	DEFENSE PERSONNEL ACCOUNTING AGENCY	130,696	130,696
190	DEFENSE SECURITY COOPERATION AGENCY	754,711	754,711
200	DEFENSE SECURITY SERVICE	789,175	789,175
220	DEFENSE TECHNOLOGY SECURITY ADMINISTRATION	34,951	33,251
	Efficiencies within the 4th estate		[–1,700]
230	DEFENSE THREAT REDUCTION AGENCY	553,329	553,329
250	DEPARTMENT OF DEFENSE EDUCATION ACTIVITY	2,892,284	2,942,284
	Impact Aid		[40,000]
	Impact Aid for Children with Severe Disabilities		[10,000]
260	MISSILE DEFENSE AGENCY	499,817	499,817
280	OFFICE OF ECONOMIC ADJUSTMENT	70,035	166,535
	Defense Community Infrastructure Program		[100,000]
	Efficiencies within the 4th estate		[–3,500]
290	OFFICE OF THE SECRETARY OF DEFENSE	1,519,655	1,530,655
	CDC PFOS/PFOA Health Study Increment		[7,000]
	Contract support for ACCM oversight as directed by Sec. 1062 of FY17 NDAA		[5,000]
	Efficiencies within the 4th estate		[–76,000]
	Establish Artificial Intelligence commission		[10,000]
	Funds to support the Global Engagement Center		[60,000]
	Initial capital for Department of Defense World War II Commemoration Fund		[2,000]
	Training of qualified personnel to join the staff of the Boards of Corrections for Military and Naval Records		[3,000]
300	SPECIAL OPERATIONS COMMAND/ADMIN & SVC-WIDE ACTIVITIES	97,787	97,787
310	WASHINGTON HEADQUARTERS SERVICES	456,407	387,907
	Efficiencies within the 4th estate		[–68,500]
315	CLASSIFIED PROGRAMS	15,645,192	15,645,192
	SUBTOTAL ADMIN & SRVWIDE ACTIVITIES	**29,282,225**	**29,131,300**
	UNDISTRIBUTED		
320	UNDISTRIBUTED		–411,800
	Foreign Currency adjustments		[–26,400]
	Historical unobligated balances		[–385,400]
	SUBTOTAL UNDISTRIBUTED		**–411,800**
	TOTAL OPERATION AND MAINTENANCE, DEFENSE-WIDE	**36,352,625**	**35,606,800**
	US COURT OF APPEALS FOR ARMED FORCES, DEF ADMINISTRATION AND ASSOCIATED ACTIVITIES		
010	US COURT OF APPEALS FOR THE ARMED FORCES, DEFENSE	14,662	14,662
	SUBTOTAL ADMINISTRATION AND ASSOCIATED ACTIVITIES	**14,662**	**14,662**
	TOTAL US COURT OF APPEALS FOR ARMED FORCES, DEF	**14,662**	**14,662**
	DOD ACQUISITION WORKFORCE DEVELOPMENT FUND		
	ACQUISITION WORKFORCE DEVELOPMENT		
010	ACQ WORKFORCE DEV FD	400,000	400,000
	SUBTOTAL ACQUISITION WORKFORCE DEVELOPMENT	**400,000**	**400,000**
	TOTAL DOD ACQUISITION WORKFORCE DEVELOPMENT FUND	**400,000**	**400,000**

SEC. 4301. OPERATION AND MAINTENANCE
(In Thousands of Dollars)

Line	Item	FY 2019 Request	House Authorized
	OVERSEAS HUMANITARIAN, DISASTER, AND CIVIC AID		
	HUMANITARIAN ASSISTANCE		
010	OVERSEAS HUMANITARIAN, DISASTER AND CIVIC AID	107,663	107,663
	SUBTOTAL HUMANITARIAN ASSISTANCE	**107,663**	**107,663**
	TOTAL OVERSEAS HUMANITARIAN, DISASTER, AND CIVIC AID	**107,663**	**107,663**
	COOPERATIVE THREAT REDUCTION ACCOUNT		
	FSU THREAT REDUCTION		
010	FORMER SOVIET UNION (FSU) THREAT REDUCTION	335,240	335,240
	SUBTOTAL FSU THREAT REDUCTION	**335,240**	**335,240**
	TOTAL COOPERATIVE THREAT REDUCTION ACCOUNT	**335,240**	**335,240**
	ENVIRONMENTAL RESTORATION, ARMY		
	DEPARTMENT OF THE ARMY		
060	ENVIRONMENTAL RESTORATION, ARMY	203,449	213,449
	PFOS/PFOA remediation increase		[10,000]
	SUBTOTAL DEPARTMENT OF THE ARMY	**203,449**	**213,449**
	TOTAL ENVIRONMENTAL RESTORATION, ARMY	**203,449**	**213,449**
	ENVIRONMENTAL RESTORATION, NAVY		
	DEPARTMENT OF THE NAVY		
080	ENVIRONMENTAL RESTORATION, NAVY	329,253	339,253
	PFOS/PFOA remediation increase		[10,000]
	SUBTOTAL DEPARTMENT OF THE NAVY	**329,253**	**339,253**
	TOTAL ENVIRONMENTAL RESTORATION, NAVY	**329,253**	**339,253**
	ENVIRONMENTAL RESTORATION, AIR FORCE		
	DEPARTMENT OF THE AIR FORCE		
100	ENVIRONMENTAL RESTORATION, AIR FORCE	296,808	346,808
	PFOS/PFOA remediation increase		[50,000]
	SUBTOTAL DEPARTMENT OF THE AIR FORCE	**296,808**	**346,808**
	TOTAL ENVIRONMENTAL RESTORATION, AIR FORCE	**296,808**	**346,808**
	ENVIRONMENTAL RESTORATION, DEFENSE		
	DEFENSE-WIDE		
120	ENVIRONMENTAL RESTORATION, DEFENSE	8,926	8,926
	SUBTOTAL DEFENSE-WIDE	**8,926**	**8,926**
	TOTAL ENVIRONMENTAL RESTORATION, DEFENSE	**8,926**	**8,926**
	ENVIRONMENTAL RESTORATION FORMERLY USED SITES		
	DEFENSE-WIDE		
140	ENVIRONMENTAL RESTORATION FORMERLY USED SITES	212,346	212,346
	SUBTOTAL DEFENSE-WIDE	**212,346**	**212,346**
	TOTAL ENVIRONMENTAL RESTORATION FORMERLY USED SITES	**212,346**	**212,346**
	TOTAL OPERATION & MAINTENANCE	**199,469,636**	**195,545,393**

SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS.

SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS
(In Thousands of Dollars)

Line	Item	FY 2019 Request	House Authorized
	OPERATION & MAINTENANCE, ARMY		
	OPERATING FORCES		
010	MANEUVER UNITS	1,179,339	1,634,039
	Realign OCO requirements from Base to OCO		[454,700]
030	ECHELONS ABOVE BRIGADE	25,983	177,553
	Realign OCO requirements from Base to OCO		[151,570]
040	THEATER LEVEL ASSETS	2,189,916	2,432,416
	Realign OCO requirements from Base to OCO		[242,500]
050	LAND FORCES OPERATIONS SUPPORT	188,609	188,609
060	AVIATION ASSETS	120,787	120,787
070	FORCE READINESS OPERATIONS SUPPORT	3,867,286	4,473,546
	Realign OCO requirements from Base to OCO		[606,260]
080	LAND FORCES SYSTEMS READINESS	550,068	550,068
090	LAND FORCES DEPOT MAINTENANCE	195,873	468,693
	Realign OCO requirements from Base to OCO		[272,820]
100	BASE OPERATIONS SUPPORT	109,560	715,820
	Realign OCO requirements from Base to OCO		[606,260]
110	FACILITIES SUSTAINMENT	60,807	60,807
140	ADDITIONAL ACTIVITIES	5,992,222	5,992,222
150	COMMANDERS EMERGENCY RESPONSE PROGRAM	10,000	10,000
160	RESET	1,036,454	1,036,454
180	US AFRICA COMMAND	248,796	263,796
	Contract personnel recovery/casualty evacuation in AFRICOM		[15,000]
190	US EUROPEAN COMMAND	98,127	98,127
200	US SOUTHERN COMMAND	2,550	2,550
	SUBTOTAL OPERATING FORCES	**15,876,377**	**18,225,487**
	MOBILIZATION		
230	ARMY PREPOSITIONED STOCKS	158,753	0
	Realignment of EDI APS Unit Set from OCO to Base		[–158,753]
	SUBTOTAL MOBILIZATION	**158,753**	**0**
	ADMIN & SRVWIDE ACTIVITIES		
390	SERVICEWIDE TRANSPORTATION	712,230	863,830
	Realign OCO requirements from Base to OCO		[151,600]
400	CENTRAL SUPPLY ACTIVITIES	44,168	44,168
410	LOGISTIC SUPPORT ACTIVITIES	5,300	5,300
420	AMMUNITION MANAGEMENT	38,597	38,597
460	OTHER PERSONNEL SUPPORT	109,019	109,019
490	REAL ESTATE MANAGEMENT	191,786	191,786
565	CLASSIFIED PROGRAMS	1,074,270	1,074,270
	SUBTOTAL ADMIN & SRVWIDE ACTIVITIES	**2,175,370**	**2,326,970**
	UNDISTRIBUTED		
570	UNDISTRIBUTED		–27,900
	Historical unobligated balances		[–27,900]
	SUBTOTAL UNDISTRIBUTED		**–27,900**
	TOTAL OPERATION & MAINTENANCE, ARMY	**18,210,500**	**20,524,557**
	OPERATION & MAINTENANCE, ARMY RES		
	OPERATING FORCES		
020	ECHELONS ABOVE BRIGADE	20,700	20,700
060	FORCE READINESS OPERATIONS SUPPORT	700	700
090	BASE OPERATIONS SUPPORT	20,487	20,487
	SUBTOTAL OPERATING FORCES	**41,887**	**41,887**
	TOTAL OPERATION & MAINTENANCE, ARMY RES	**41,887**	**41,887**
	OPERATION & MAINTENANCE, ARNG		
	OPERATING FORCES		
010	MANEUVER UNITS	42,519	42,519
020	MODULAR SUPPORT BRIGADES	778	778
030	ECHELONS ABOVE BRIGADE	12,093	12,093
040	THEATER LEVEL ASSETS	708	708

SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS
(In Thousands of Dollars)

Line	Item	FY 2019 Request	House Authorized
060	AVIATION ASSETS	28,135	28,135
070	FORCE READINESS OPERATIONS SUPPORT	5,908	5,908
100	BASE OPERATIONS SUPPORT	18,877	18,877
120	MANAGEMENT AND OPERATIONAL HEADQUARTERS	956	956
	SUBTOTAL OPERATING FORCES	**109,974**	**109,974**
	ADMIN & SRVWD ACTIVITIES		
150	SERVICEWIDE COMMUNICATIONS	755	755
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	**755**	**755**
	TOTAL OPERATION & MAINTENANCE, ARNG	**110,729**	**110,729**
	AFGHAN NATIONAL ARMY		
090	SUSTAINMENT	1,522,777	1,522,777
100	INFRASTRUCTURE	137,732	137,732
110	EQUIPMENT AND TRANSPORTATION	71,922	71,922
120	TRAINING AND OPERATIONS	175,846	175,846
	SUBTOTAL AFGHAN NATIONAL ARMY	**1,908,277**	**1,908,277**
	AFGHAN NATIONAL POLICE		
130	SUSTAINMENT	527,554	527,554
140	INFRASTRUCTURE	42,984	42,984
150	EQUIPMENT AND TRANSPORTATION	14,554	14,554
160	TRAINING AND OPERATIONS	181,922	181,922
	SUBTOTAL AFGHAN NATIONAL POLICE	**767,014**	**767,014**
	AFGHAN AIR FORCE		
170	SUSTAINMENT	942,279	942,279
180	INFRASTRUCTURE	30,350	30,350
190	EQUIPMENT AND TRANSPORTATION	572,310	572,310
200	TRAINING AND OPERATIONS	277,191	277,191
	SUBTOTAL AFGHAN AIR FORCE	**1,822,130**	**1,822,130**
	AFGHAN SPECIAL SECURITY FORCES		
210	SUSTAINMENT	353,734	353,734
220	INFRASTRUCTURE	43,132	43,132
230	EQUIPMENT AND TRANSPORTATION	151,790	151,790
240	TRAINING AND OPERATIONS	153,373	153,373
	SUBTOTAL AFGHAN SPECIAL SECURITY FORCES	**702,029**	**702,029**
	TOTAL AFGHANISTAN SECURITY FORCES FUND	**5,199,450**	**5,199,450**
	COUNTER-ISIS TRAIN AND EQUIP FUND		
	COUNTER-ISIS TRAIN AND EQUIP FUND (CTEF)		
010	IRAQ	850,000	850,000
020	SYRIA	300,000	300,000
030	OTHER	250,000	250,000
	SUBTOTAL COUNTER-ISIS TRAIN AND EQUIP FUND (CTEF)	**1,400,000**	**1,400,000**
	TOTAL COUNTER-ISIS TRAIN AND EQUIP FUND	**1,400,000**	**1,400,000**
	OPERATION & MAINTENANCE, NAVY		
	OPERATING FORCES		
010	MISSION AND OTHER FLIGHT OPERATIONS	435,507	435,507
030	AVIATION TECHNICAL DATA & ENGINEERING SERVICES	800	800
040	AIR OPERATIONS AND SAFETY SUPPORT	9,394	9,394
050	AIR SYSTEMS SUPPORT	193,384	193,384
060	AIRCRAFT DEPOT MAINTENANCE	173,053	173,053
070	AIRCRAFT DEPOT OPERATIONS SUPPORT	3,524	3,524
080	AVIATION LOGISTICS	60,219	60,219
090	MISSION AND OTHER SHIP OPERATIONS	942,960	942,960
100	SHIP OPERATIONS SUPPORT & TRAINING	20,236	20,236
110	SHIP DEPOT MAINTENANCE	1,022,647	1,022,647
130	COMBAT COMMUNICATIONS AND ELECTRONIC WARFARE	59,553	59,553
160	WARFARE TACTICS	16,651	16,651
170	OPERATIONAL METEOROLOGY AND OCEANOGRAPHY	31,118	31,118
180	COMBAT SUPPORT FORCES	635,560	635,560
190	EQUIPMENT MAINTENANCE AND DEPOT OPERATIONS SUPPORT	4,334	4,334
220	COMBATANT COMMANDERS DIRECT MISSION SUPPORT	24,800	24,800

SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS
(In Thousands of Dollars)

Line	Item	FY 2019 Request	House Authorized
240	CYBERSPACE ACTIVITIES	355	355
280	WEAPONS MAINTENANCE	493,033	493,033
290	OTHER WEAPON SYSTEMS SUPPORT	12,780	12,780
310	FACILITIES SUSTAINMENT	67,321	67,321
320	BASE OPERATING SUPPORT	211,394	211,394
	SUBTOTAL OPERATING FORCES	**4,418,623**	**4,418,623**
	MOBILIZATION		
370	EXPEDITIONARY HEALTH SERVICES SYSTEMS	12,902	12,902
390	COAST GUARD SUPPORT	165,000	165,000
	SUBTOTAL MOBILIZATION	**177,902**	**177,902**
	TRAINING AND RECRUITING		
430	SPECIALIZED SKILL TRAINING	51,138	51,138
	SUBTOTAL TRAINING AND RECRUITING	**51,138**	**51,138**
	ADMIN & SRVWD ACTIVITIES		
510	ADMINISTRATION	4,145	4,145
540	MILITARY MANPOWER AND PERSONNEL MANAGEMENT	7,503	7,503
580	SERVICEWIDE TRANSPORTATION	69,297	69,297
610	ACQUISITION, LOGISTICS, AND OVERSIGHT	10,912	10,912
650	INVESTIGATIVE AND SECURITY SERVICES	1,559	1,559
765	CLASSIFIED PROGRAMS	16,076	16,076
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	**109,492**	**109,492**
	TOTAL OPERATION & MAINTENANCE, NAVY	**4,757,155**	**4,757,155**
	OPERATION & MAINTENANCE, MARINE CORPS		
	OPERATING FORCES		
010	OPERATIONAL FORCES	734,505	734,505
020	FIELD LOGISTICS	212,691	212,691
030	DEPOT MAINTENANCE	53,040	53,040
070	BASE OPERATING SUPPORT	23,047	23,047
	SUBTOTAL OPERATING FORCES	**1,023,283**	**1,023,283**
	TRAINING AND RECRUITING		
120	TRAINING SUPPORT	30,459	30,459
	SUBTOTAL TRAINING AND RECRUITING	**30,459**	**30,459**
	ADMIN & SRVWD ACTIVITIES		
160	SERVICEWIDE TRANSPORTATION	61,400	61,400
170	ADMINISTRATION	2,108	2,108
225	CLASSIFIED PROGRAMS	4,650	4,650
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	**68,158**	**68,158**
	TOTAL OPERATION & MAINTENANCE, MARINE CORPS	**1,121,900**	**1,121,900**
	OPERATION & MAINTENANCE, NAVY RES		
	OPERATING FORCES		
020	INTERMEDIATE MAINTENANCE	500	500
030	AIRCRAFT DEPOT MAINTENANCE	11,400	11,400
080	COMBAT SUPPORT FORCES	13,737	13,737
	SUBTOTAL OPERATING FORCES	**25,637**	**25,637**
	TOTAL OPERATION & MAINTENANCE, NAVY RES	**25,637**	**25,637**
	OPERATION & MAINTENANCE, MC RESERVE		
	OPERATING FORCES		
010	OPERATING FORCES	2,550	2,550
040	BASE OPERATING SUPPORT	795	795
	SUBTOTAL OPERATING FORCES	**3,345**	**3,345**
	TOTAL OPERATION & MAINTENANCE, MC RESERVE	**3,345**	**3,345**
	OPERATION & MAINTENANCE, AIR FORCE		
	OPERATING FORCES		
010	PRIMARY COMBAT FORCES	166,274	166,274
020	COMBAT ENHANCEMENT FORCES	1,492,580	1,492,580

SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS
(In Thousands of Dollars)

Line	Item	FY 2019 Request	House Authorized
030	AIR OPERATIONS TRAINING (OJT, MAINTAIN SKILLS)	110,237	110,237
040	DEPOT PURCHASE EQUIPMENT MAINTENANCE	209,996	209,996
050	FACILITIES SUSTAINMENT	92,412	92,412
060	CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT	1,289,693	1,289,693
070	FLYING HOUR PROGRAM	2,355,264	2,355,264
080	BASE SUPPORT	1,141,718	1,141,718
090	GLOBAL C3I AND EARLY WARNING	13,537	13,537
100	OTHER COMBAT OPS SPT PROGRAMS	224,713	224,713
110	CYBERSPACE ACTIVITIES	17,353	17,353
120	TACTICAL INTEL AND OTHER SPECIAL ACTIVITIES	36,098	36,098
130	LAUNCH FACILITIES	385	385
140	SPACE CONTROL SYSTEMS	38,966	38,966
170	US NORTHCOM/NORAD	725	725
180	US STRATCOM	2,056	2,056
190	US CYBERCOM	35,189	35,189
200	US CENTCOM	162,691	162,691
210	US SOCOM	19,000	19,000
	SUBTOTAL OPERATING FORCES	**7,408,887**	**7,408,887**
	MOBILIZATION		
230	AIRLIFT OPERATIONS	1,287,659	1,287,659
240	MOBILIZATION PREPAREDNESS	107,064	107,064
	SUBTOTAL MOBILIZATION	**1,394,723**	**1,394,723**
	TRAINING AND RECRUITING		
280	OFFICER ACQUISITION	300	300
290	RECRUIT TRAINING	340	340
330	SPECIALIZED SKILL TRAINING	25,327	25,327
340	FLIGHT TRAINING	844	844
350	PROFESSIONAL DEVELOPMENT EDUCATION	1,199	1,199
360	TRAINING SUPPORT	1,320	1,320
	SUBTOTAL TRAINING AND RECRUITING	**29,330**	**29,330**
	ADMIN & SRVWD ACTIVITIES		
430	LOGISTICS OPERATIONS	154,485	154,485
440	TECHNICAL SUPPORT ACTIVITIES	13,608	13,608
480	ADMINISTRATION	4,814	4,814
490	SERVICEWIDE COMMUNICATIONS	131,123	131,123
500	OTHER SERVICEWIDE ACTIVITIES	97,471	97,471
540	INTERNATIONAL SUPPORT	240	240
545	CLASSIFIED PROGRAMS	51,108	51,108
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	**452,849**	**452,849**
	TOTAL OPERATION & MAINTENANCE, AIR FORCE	**9,285,789**	**9,285,789**
	OPERATION & MAINTENANCE, AF RESERVE		
	OPERATING FORCES		
030	DEPOT PURCHASE EQUIPMENT MAINTENANCE	51,000	51,000
060	BASE SUPPORT	9,500	9,500
	SUBTOTAL OPERATING FORCES	**60,500**	**60,500**
	TOTAL OPERATION & MAINTENANCE, AF RESERVE	**60,500**	**60,500**
	OPERATION & MAINTENANCE, ANG		
	OPERATING FORCES		
020	MISSION SUPPORT OPERATIONS	3,560	3,560
060	BASE SUPPORT	12,310	12,310
	SUBTOTAL OPERATING FORCES	**15,870**	**15,870**
	TOTAL OPERATION & MAINTENANCE, ANG	**15,870**	**15,870**
	OPERATION AND MAINTENANCE, DEFENSE-WIDE		
	OPERATING FORCES		
010	JOINT CHIEFS OF STAFF	28,671	28,671
040	SPECIAL OPERATIONS COMMAND/OPERATING FORCES	3,733,161	3,733,161
	SUBTOTAL OPERATING FORCES	**3,761,832**	**3,761,832**
	ADMIN & SRVWIDE ACTIVITIES		
100	DEFENSE CONTRACT AUDIT AGENCY	1,781	1,781

SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS
(In Thousands of Dollars)

Line	Item	FY 2019 Request	House Authorized
110	DEFENSE CONTRACT MANAGEMENT AGENCY	21,723	21,723
130	DEFENSE INFORMATION SYSTEMS AGENCY	111,702	111,702
150	DEFENSE LEGAL SERVICES AGENCY	127,023	127,023
170	DEFENSE MEDIA ACTIVITY	14,377	14,377
190	DEFENSE SECURITY COOPERATION AGENCY	2,208,442	2,008,442
	Transfer of funds to Ukraine Security Assistance fund		[–200,000]
230	DEFENSE THREAT REDUCTION AGENCY	302,250	302,250
250	DEPARTMENT OF DEFENSE EDUCATION ACTIVITY	31,620	31,620
290	OFFICE OF THE SECRETARY OF DEFENSE	16,579	16,579
310	WASHINGTON HEADQUARTERS SERVICES	7,766	7,766
315	CLASSIFIED PROGRAMS	1,944,813	1,944,813
	SUBTOTAL ADMIN & SRVWIDE ACTIVITIES	**4,788,076**	**4,588,076**
	TOTAL OPERATION AND MAINTENANCE, DEFENSE-WIDE	**8,549,908**	**8,349,908**
	UKRAINE SECURITY ASSISTANCE		
010	UKRAINE SECURITY ASSISTANCE		250,000
	Program increase for defensive lethal assistance		[50,000]
	Transfer of funds from the Defense Security Cooperation Agency		[200,000]
	SUBTOTAL UKRAINE SECURITY ASSISTANCE		**250,000**
	TOTAL UKRAINE SECURITY ASSISTANCE		**250,000**
	TOTAL OPERATION & MAINTENANCE	**48,782,670**	**51,146,727**

TITLE XLIV—MILITARY PERSONNEL

SEC. 4401. MILITARY PERSONNEL.

SEC. 4401. MILITARY PERSONNEL
(In Thousands of Dollars)

Item	FY 2019 Request	House Authorized
Military Personnel Appropriations	**140,689,301**	**139,988,801**
Control Grade Increase		[7,000]
Foreign Currency adjustments		[–218,000]
Historical unobligated balance		[–761,500]
Permanently reverse BAH reduction for Military Housing Privatization Initiative		[275,000]
Program decrease		[–3,000]
Medicare-Eligible Retiree Health Fund Contributions	**7,533,090**	**7,533,090**
Total, Military Personnel	**148,222,391**	**147,521,891**

SEC. 4402. MILITARY PERSONNEL FOR OVERSEAS CONTINGENCY OPERATIONS.

SEC. 4402. MILITARY PERSONNEL FOR OVERSEAS CONTINGENCY OPERATIONS
(In Thousands of Dollars)

Item	FY 2019 Request	House Authorized
Military Personnel Appropriations	**4,660,661**	**4,660,661**

TITLE XLV—OTHER AUTHORIZATIONS

SEC. 4501. OTHER AUTHORIZATIONS.

SEC. 4501. OTHER AUTHORIZATIONS
(In Thousands of Dollars)

Item	FY 2019 Request	House Authorized
WORKING CAPITAL FUND, ARMY		
ARMY ARSENALS INITIATIVE	59,002	59,002
ARMY SUPPLY MANAGEMENT	99,763	99,763
TOTAL WORKING CAPITAL FUND, ARMY	**158,765**	**158,765**
WORKING CAPITAL FUND, AIR FORCE		
WORKING CAPITAL FUND	69,054	69,054
TOTAL WORKING CAPITAL FUND, AIR FORCE	**69,054**	**69,054**
WORKING CAPITAL FUND, DEFENSE-WIDE		
WORKING CAPITAL FUND SUPPORT	48,096	48,096
TOTAL WORKING CAPITAL FUND, DEFENSE-WIDE	**48,096**	**48,096**
WORKING CAPITAL FUND, DECA		
WORKING CAPITAL FUND SUPPORT	1,266,200	1,266,200
TOTAL WORKING CAPITAL FUND, DECA	**1,266,200**	**1,266,200**
NATIONAL DEFENSE SEALIFT FUND		
SURGE SEALIFT RECAPITALIZATION		200,000
Program increase—one used vessel		[200,000]
LG MED SPD RO/RO MAINTENANCE		127,739
Transfer from OMN		[127,739]
DOD MOBILIZATION ALTERATIONS		20,858
Transfer from OMN		[20,858]
TAH MAINTENANCE		157,350
Service Life Extension of USNS Comfort (TAH 20)		[85,000]
Transfer from OMN		[72,350]
READY RESERVE AND PREPOSITIONING FORCE		310,805
Transfer from OMN		[310,805]
TOTAL NATIONAL DEFENSE SEALIFT FUND		**816,752**
CHEM AGENTS & MUNITIONS DESTRUCTION		
OPERATION & MAINTENANCE	105,997	105,997
RDT&E	886,728	886,728
PROCUREMENT	1,091	1,091
TOTAL CHEM AGENTS & MUNITIONS DESTRUCTION	**993,816**	**993,816**
DRUG INTERDICTION & CTR-DRUG ACTIVITIES, DEF		
DRUG INTERDICTION AND COUNTER-DRUG ACTIVITIES, DEFENSE	547,171	567,171
Combatting opioid trafficking and abuse		[20,000]
DRUG DEMAND REDUCTION PROGRAM	117,900	117,900
NATIONAL GUARD COUNTER-DRUG PROGRAM	117,178	117,178
DRUG INTERDICTION AND COUNTER-DRUG ACTIVITIES, DEFENSE	5,276	5,276
TOTAL DRUG INTERDICTION & CTR-DRUG ACTIVITIES, DEF	**787,525**	**807,525**
OFFICE OF THE INSPECTOR GENERAL		
OPERATION & MAINTENANCE	327,611	332,611
Program increase		[5,000]

SEC. 4501. OTHER AUTHORIZATIONS
(In Thousands of Dollars)

Item	FY 2019 Request	House Authorized
PROCUREMENT	*1,602*	*1,602*
RDT&E	*60*	*60*
TOTAL OFFICE OF THE INSPECTOR GENERAL	***329,273***	***334,273***
DEFENSE HEALTH PROGRAM		
OPERATION & MAINTENANCE		
IN-HOUSE CARE	*9,738,569*	*9,738,569*
PRIVATE SECTOR CARE	*15,103,735*	*15,103,735*
CONSOLIDATED HEALTH SUPPORT	*2,107,961*	*2,107,961*
INFORMATION MANAGEMENT	*2,039,878*	*2,039,878*
MANAGEMENT ACTIVITIES	*307,629*	*307,629*
EDUCATION AND TRAINING	*756,778*	*756,778*
BASE OPERATIONS/COMMUNICATIONS	*2,090,845*	*2,090,845*
RDT&E		
RESEARCH	*11,386*	*11,386*
EXPLORATRY DEVELOPMENT	*75,010*	*80,010*
Simulators and other technologies to reduce the use of live animal tissue for medical training		*[5,000]*
ADVANCED DEVELOPMENT	*275,258*	*280,258*
Simulators and other technologies to reduce the use of live animal tissue for medical training		*[5,000]*
DEMONSTRATION/VALIDATION	*117,529*	*122,529*
Simulators and other technologies to reduce the use of live animal tissue for medical training		*[5,000]*
ENGINEERING DEVELOPMENT	*151,985*	*176,985*
FDA approved devices to detect and monitor traumatic brain injury		*[10,000]*
Freeze-dried platelet derived hemostatic agents		*[10,000]*
Simulators and other technologies to reduce the use of live animal tissue for medical training		*[5,000]*
MANAGEMENT AND SUPPORT	*63,755*	*63,755*
CAPABILITIES ENHANCEMENT	*15,714*	*15,714*
PROCUREMENT		
INITIAL OUTFITTING	*33,056*	*33,056*
REPLACEMENT & MODERNIZATION	*343,424*	*343,424*
DOD HEALTHCARE MANAGEMENT SYSTEM MODERNIZATION	*496,680*	*496,680*
UNDISTRIBUTED		
UNDISTRIBUTED		*–492,500*
Foreign Currency adjustments		*[–22,100]*
Historical unobligated balances		*[–470,400]*
TOTAL DEFENSE HEALTH PROGRAM	***33,729,192***	***33,276,692***
TOTAL OTHER AUTHORIZATIONS	***37,381,921***	***37,771,173***

SEC. 4502. OTHER AUTHORIZATIONS FOR OVERSEAS CONTINGENCY OPERATIONS.

SEC. 4502. OTHER AUTHORIZATIONS FOR OVERSEAS CONTINGENCY OPERATIONS
(In Thousands of Dollars)

Item	FY 2019 Request	House Authorized
WORKING CAPITAL FUND, ARMY		
ARMY SUPPLY MANAGEMENT	*6,600*	*6,600*
TOTAL WORKING CAPITAL FUND, ARMY	***6,600***	***6,600***
WORKING CAPITAL FUND, AIR FORCE		
WORKING CAPITAL FUND	*8,590*	*8,590*

SEC. 4502. OTHER AUTHORIZATIONS FOR OVERSEAS CONTINGENCY OPERATIONS
(In Thousands of Dollars)

Item	FY 2019 Request	House Authorized
TOTAL WORKING CAPITAL FUND, AIR FORCE	**8,590**	**8,590**
DRUG INTERDICTION & CTR-DRUG ACTIVITIES, DEF		
DRUG INTERDICTION AND COUNTER-DRUG ACTIVITIES, DEFENSE	*153,100*	*153,100*
TOTAL DRUG INTERDICTION & CTR-DRUG ACTIVITIES, DEF	**153,100**	**153,100**
OFFICE OF THE INSPECTOR GENERAL		
OPERATION & MAINTENANCE	*24,692*	*24,692*
TOTAL OFFICE OF THE INSPECTOR GENERAL	**24,692**	**24,692**
DEFENSE HEALTH PROGRAM		
OPERATION & MAINTENANCE		
IN-HOUSE CARE	*72,627*	*72,627*
PRIVATE SECTOR CARE	*277,066*	*277,066*
CONSOLIDATED HEALTH SUPPORT	*2,375*	*2,375*
TOTAL DEFENSE HEALTH PROGRAM	**352,068**	**352,068**
TOTAL OTHER AUTHORIZATIONS	**545,050**	**545,050**

TITLE XLVI—MILITARY CONSTRUCTION

SEC. 4601. MILITARY CONSTRUCTION.

SEC. 4601. MILITARY CONSTRUCTION
(In Thousands of Dollars)

Account	State/Country and Installation	Project Title	FY 2019 Request	House Agreement
	Alabama			
Army	*Anniston Army Depot*	*Weapon Maintenance Shop*	*5,200*	*5,200*
	California			
Army	*Fort Irwin*	*Multipurpose Range Complex*	*29,000*	*29,000*
	Colorado			
Army	*Fort Carson*	*Vehicle Maintenance Shop*	*77,000*	*77,000*
	Georgia			
Army	*Fort Gordon*	*Cyber Instructional Fac and Network Ctr*	*99,000*	*99,000*
	Germany			
Army	*East Camp Grafenwoehr*	*Mission Training Complex*	*31,000*	*31,000*
	Hawaii			
Army	*Fort Shafter*	*Command and Control Facility, Incr 4*	*105,000*	*95,000*
	Honduras			
Army	*Soto Cano Air Base*	*Barracks*	*21,000*	*21,000*
	Indiana			
Army	*Crane Army Ammunition Plant*	*Railcar Holding Area*	*16,000*	*16,000*
	Kentucky			
Army	*Fort Campbell*	*Microgird and Power Plant*	*0*	*18,000*
Army	*Fort Campbell*	*Vehicle Maintenance Shop*	*32,000*	*32,000*
Army	*Fort Knox*	*Digital Air/Ground Integration Range*	*26,000*	*26,000*
	Korea			
Army	*Camp Tango*	*Command and Control Facility*	*17,500*	*17,500*
	Kuwait			
Army	*Camp Arifjan*	*Vehicle Maintenance Shop*	*44,000*	*44,000*
	Maryland			
Army	*Fort Meade*	*Cantonment Area Roads*	*0*	*16,500*
	New Jersey			
Army	*Picatinny Arsenal*	*Munitions Disassembly Complex*	*41,000*	*41,000*
	New Mexico			
Army	*White Sands Missile Range*	*Information Systems Facility*	*40,000*	*40,000*
	New York			
Army	*U.S. Military Academy*	*Engineering Center*	*95,000*	*95,000*
Army	*U.S. Military Academy*	*Parking Structure*	*65,000*	*65,000*
	North Carolina			

SEC. 4601. MILITARY CONSTRUCTION
(In Thousands of Dollars)

Account	State/Country and Installation	Project Title	FY 2019 Request	House Agreement
Army	Fort Bragg	Dining Facility	10,000	10,000
	South Carolina			
Army	Fort Jackson	Trainee Barracks Complex 3, Ph2	52,000	52,000
	Texas			
Army	Fort Bliss	Supply Support Activity	24,000	24,000
Army	Fort Hood	Supply Support Activity	0	9,600
	Worldwide Unspecified			
Army	Unspecified Worldwide Locations	Force Protection and Safety	0	50,000
Army	Unspecified Worldwide Locations	Host Nation Support	34,000	34,000
Army	Unspecified Worldwide Locations	Planning and Design	76,068	76,068
Army	Unspecified Worldwide Locations	Unspecified Minor Construction	72,000	72,000
Military Construction, Army Total			**1,011,768**	**1,095,868**
	Arizona			
Navy	Camp Navajo	Missile Motor Magazines and U&SI	0	14,800
	Bahamas			
Navy	Andros Island	AUTEC Austere Quarters	31,050	31,050
	Bahrain			
Navy	SW Asia	Fleet Maintenance Facility & TOC	26,340	26,340
	California			
Navy	Camp Pendleton	AAV-ACV Maintenance & Warehouse Facility	49,410	49,410
Navy	Camp Pendleton	Electrical Upgrades	4,020	4,020
Navy	Camp Pendleton	Full Motion Trainer Facility	10,670	10,670
Navy	Camp Pendleton	Potable Water Distribution Improvements	47,230	47,230
Navy	Camp Pendleton	Supply Warehouse SOI-West	0	16,600
Navy	Marine Corps Air Station Miramar	Airfield Security Improvements	11,500	11,500
Navy	Marine Corps Air Station Miramar	F–35 Vertical Landing Pads and Taxiway	20,480	20,480
Navy	Naval Air Station Lemoore	Communications Line Ops to Admin	0	14,900
Navy	Naval Air Station Lemoore	F–35 Maintenance Hangar	112,690	112,690
Navy	Naval Base Coronado	Aircraft Paint Complex	0	78,800
Navy	Naval Base Coronado	CMV–22B Airfield Improvements	77,780	77,780
Navy	Naval Base San Diego	Harbor Drive Switching Station	48,440	48,440
Navy	Naval Base San Diego	LCS Mission Module Readiness Center	0	19,500
Navy	Naval Base San Diego	Pier 8 Replacement	108,100	48,747
Navy	Naval Base Ventura	Directed Energy Systems Intergration Lab	22,150	22,150
Navy	Naval Base Ventura	Missile Assembly Build & High Explosive Mag	31,010	31,010
Navy	Naval Weapons Station Seal Beach	Causeway, Boat Channel & Turning Basin	117,830	117,830
Navy	Naval Weapons Station Seal Beach	Missile Magazines	0	21,800
	Cuba			
Navy	Naval Station Guantanamo Bay	Consolidated Fire Station	0	19,700
Navy	Naval Station Guantanamo Bay	Solid Waste Management Facility	85,000	85,000
	District of Columbia			
Navy	Naval Observatory	Master Time Clocks & Operations Facility	115,600	60,000
	Florida			
Navy	Naval Air Station Whiting Field	Air Traffic Control Tower (North Field)	0	10,000
Navy	Naval Station Mayport	LCS Operational Training Facility Addition	29,110	29,110
Navy	Naval Station Mayport	LCS Support Facility	82,350	82,350
	Georgia			
Navy	Marine Corps Base Albany	Welding and Body Repair Shop Facility	0	31,900
	Germany			
Navy	Panzer Kaserne	MARFOREUR HQ Modernization and Expansion	43,950	43,950
	Guam			
Navy	Joint Region Marianas	ACE Gym & Dining	27,910	27,910
Navy	Joint Region Marianas	Earth Covered Magazines	52,270	52,270
Navy	Joint Region Marianas	Machine Gun Range	141,287	70,000
Navy	Joint Region Marianas	Ordnance Ops	22,020	22,020
Navy	Joint Region Marianas	Unaccompanied Enlisted Housing	36,170	36,170
Navy	Naval Base Guam	X-Ray Wharf Improvements (Berth 2)	0	75,600
	Hawaii			
Navy	Joint Base Pearl Harbor-Hickam	Drydock Waterfront Facility	45,000	45,000
Navy	Joint Base Pearl Harbor-Hickam	Water Transmission Line	78,320	78,320

SEC. 4601. MILITARY CONSTRUCTION
(In Thousands of Dollars)

Account	State/Country and Installation	Project Title	FY 2019 Request	House Agreement
Navy	Marine Corps Base Hawaii	Corrosion Control Hangar	66,100	66,100
	Japan			
Navy	Kadena Air Base	Tactical Operations Center	9,049	9,049
	Maine			
Navy	Portsmouth Naval Yard	Dry Dock #1 Superflood Basin	109,960	51,639
Navy	Portsmouth Naval Yard	Extend Portal Crane Rail	39,725	39,725
	Mississippi			
Navy	Naval Construction Battalion Center	Expeditionary Combat Skills Student Berthing	0	22,300
	North Carolina			
Navy	Camp Lejeune	2nd Radio BN Complex, Phase 2	0	51,300
Navy	Marine Corps Air Station Cherry Point	Aircraft Maintenance Hangar	133,970	60,000
Navy	Marine Corps Air Station Cherry Point	Flightline Utility Modernization	106,860	55,000
	Pennsylvania			
Navy	Naval Support Activity Philadelphia	Submarine Propulsor Manufacturing Support Fac	71,050	71,050
	South Carolina			
Navy	Marine Corps Air Station Beaufort	Cryogenics Facility	0	6,300
Navy	Marine Corps Air Station Beaufort	Recycling/Hazardous Waste Facility	9,517	9,517
Navy	Marine Corps Recruit Depot, Parris Island	Range Improvements & Modernization, Phase 2	35,190	35,190
	Utah			
Navy	Hill Air Force Base	D5 Missile Motor Receipt/Storage Facility	105,520	55,000
	Virginia			
Navy	Marine Corps Base Quantico	Ammunition Supply Point Upgrade, Phase 2	0	13,100
Navy	Marine Corps Base Quantico	TBS Fire Station	21,980	0
Navy	Portsmouth	Ships Maintenance Facility	26,120	26,120
	Washington			
Navy	Bangor	Pier and Maintenance Facility	88,960	88,960
Navy	Naval Air Station Whidbey Island	Fleet Support Facility	19,450	19,450
Navy	Naval Air Station Whidbey Island	Next Generation Jammer Facility	7,930	7,930
	Worldwide Unspecified			
Navy	Unspecified Worldwide Locations	Force Protection and Safety	0	50,000
Navy	Unspecified Worldwide Locations	Planning and Design	185,542	177,542
Navy	Unspecified Worldwide Locations	Unspecified Minor Construction	28,579	28,579
Military Construction, Navy Total			**2,543,189**	**2,538,898**
	Alaska			
AF	Eielson Air Force Base	F–35 Aircraft Maintenance Unit Admin Facility	6,800	6,800
AF	Eielson Air Force Base	F–35 Conventional Munitions Maintenance Fac	15,500	15,500
AF	Eielson Air Force Base	F–35A CATM Range	19,000	19,000
AF	Eielson Air Force Base	F–35A School Age Facility	22,500	22,500
	Arizona			
AF	Davis Monthan Air Force Base	AGE Facility	0	15,000
AF	Luke Air Force Base	F–35A Aircraft Maintenance Unit Facility	23,000	23,000
AF	Luke Air Force Base	F–35A Squad Ops #6	17,000	17,000
	Arkansas			
AF	Little Rock Air Force Base	Dormitory - 168 PN	0	26,000
	Florida			
AF	Eglin Air Force Base	F–35A Integrated Trng Center Academics Bldg	34,863	34,863
AF	Eglin Air Force Base	F–35A Student Dormitory II	28,000	28,000
AF	MacDill Air Force Base	KC135 Beddown Add Flight Simulator Training	3,100	3,100
AF	Patrick Air Force Base	Main Gate	0	9,000
	Guam			
AF	Joint Region Marianas	Hayman Munitions Storage Igloos MSA 2	9,800	9,800
	Louisiana			
AF	Barksdale Air Force Base	Entrance Road and Gate Complex	0	12,250
	Mariana Islands			
AF	Tinian	APR—Cargo Pad with Taxiway Extension	46,000	46,000
AF	Tinian	APR—Maintenance Support Facility	4,700	4,700
	Maryland			
AF	Joint Base Andrews	Child Development Center	0	13,000

SEC. 4601. MILITARY CONSTRUCTION
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Account	State/Country and Installation	Project Title	FY 2019 Request	House Agreement
AF	Joint Base Andrews	MWD Facility	0	8,000
AF	Joint Base Andrews	PAR Relocate Haz Cargo Pad and EOD Range	37,000	37,000
AF	Joint Base Andrews	Presidential Aircraft Recap Complex, Inc. 2	154,000	123,116
	Massachusetts			
AF	Hanscom Air Force Base	MIT-Lincoln Laboratory (West Lab CSL/MIF)	225,000	40,000
	Nebraska			
AF	Offutt Air Force Base	Parking Lot, USSTRATCOM	9,500	9,500
	Nevada			
AF	Creech Air Force Base	MQ–9 CPIP GCS Operations Facility	28,000	28,000
AF	Creech Air Force Base	MQ–9 CPIP Operations & Command Center Fac.	31,000	31,000
AF	Nellis Air Force Base	CRH Simulator	5,900	5,900
	New Mexico			
AF	Holloman Air Force Base	MQ–9 FTU Ops Facility	85,000	85,000
AF	Kirtland Air Force Base	Wyoming Gate Upgrade for Anti-terrorism Compliance.	0	7,000
	New York			
AF	Rome Lab	Anti-Terrorism Perimeter Security / Entry Control Point.	0	14,200
	North Dakota			
AF	Minot Air Force Base	Consolidated Helo/TRF Ops/AMU and Alert Fac	66,000	66,000
	Ohio			
AF	Wright-Patterson Air Force Base	ADAL Intelligence Production Complex (NASIC)	116,100	61,000
	Oklahoma			
AF	Altus Air Force Base	KC–46A FTU/FTC Simulator Facility Ph 3	12,000	12,000
AF	Tinker Air Force Base	KC–46A Depot Fuel Maintenance Hangar	85,000	85,000
AF	Tinker Air Force Base	KC–46A Depot Maintenance Hangar	81,000	81,000
	Qatar			
AF	Al Udeid	Flightline Support Facilities	30,400	0
AF	Al Udeid	Personnel Deployment Processing Facility	40,000	0
	South Carolina			
AF	Shaw Air Force Base	CPIP MQ–9 MCE GROUP	53,000	53,000
	Texas			
AF	Joint Base San Antonio	BMT Recruit Dormitory 6	25,000	25,000
	United Kingdom			
AF	RAF Lakenheath	F–35A 6 Bay Hangar	39,036	39,036
AF	RAF Lakenheath	F–35A ADAL Conventional Munitions MX	9,204	9,204
AF	RAF Lakenheath	F–35A ADAL Parts Store	13,926	13,926
AF	RAF Lakenheath	F–35A AGE Facility	12,449	12,449
AF	RAF Lakenheath	F–35A Dorm	29,541	29,541
AF	RAF Lakenheath	F–35A Fuel System Maintenance Dock 2 Bay	16,880	16,880
AF	RAF Lakenheath	F–35A Parking Apron	27,431	27,431
	Utah			
AF	Hill Air Force Base	Composite Aircraft Antenna Calibration Fac	0	26,000
	Washington			
AF	Fairchild—White Bluff	ADAL JPRA C2 Mission Support Facility	0	14,000
	Worldwide Classified			
AF	Classified Location	TACMOR—Utilities and Infrastructure Support	18,000	18,000
	Worldwide Unspecified			
AF	Unspecified Worldwide Locations	Force Protection and Safety	0	50,000
AF	Various Worldwide Locations	Planning and Design	206,577	198,577
AF	Various Worldwide Locations	Unspecified Minor Military Construction	38,500	38,500
	Military Construction, AF Total		**1,725,707**	**1,570,773**
	Alaska			
Def-Wide	Clear Air Force Station	Long Range Discrim Radar Sys Complex Ph2	174,000	130,000
Def-Wide	Fort Greely	Missile Field #1 Expansion	8,000	0
Def-Wide	Joint Base Elmendorf-Richardson	Operations Facility Replacement	14,000	14,000
	Arkansas			
Def-Wide	Little Rock Air Force Base	Hydrant Fuel System Alterations	14,000	14,000
	Belgium			
Def-Wide	Chievres Air Base	Europe West District Superintendent's Office	14,305	14,305
	California			
Def-Wide	Camp Pendleton	SOF EOD Facility—West	3,547	3,547
Def-Wide	Camp Pendleton	SOF Human Performance Training Center-West	9,049	9,049
Def-Wide	Defense Distribution Depot-Tracy	Main Access Control Point Upgrades	18,800	18,800
Def-Wide	Naval Base Coronado	SOF ATC Applied Instruction Facility	14,819	14,819
Def-Wide	Naval Base Coronado	SOF ATC Training Facility	18,329	18,329
Def-Wide	Naval Base Coronado	SOF Close Quarters Combat Facility	12,768	12,768

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Account	State/Country and Installation	Project Title	FY 2019 Request	House Agreement
Def-Wide	Naval Base Coronado	SOF NSWG–1 Operations Support Facility	25,172	25,172
	Colorado			
Def-Wide	Fort Carson	SOF Human Performance Training Center	15,297	15,297
Def-Wide	Fort Carson	SOF Mountaineering Facility	9,000	9,000
	Conus Classified			
Def-Wide	Classified Location	Battalion Complex, PH2	49,222	49,222
	Cuba			
Def-Wide	Naval Base Guantanamo Bay	Working Dog Treatment Facility Replacement	9,080	9,080
	Germany			
Def-Wide	Baumholder	SOF Joint Parachute Rigging Facility	11,504	11,504
Def-Wide	Kaiserlautern Air Base	Kaiserslautern Middle School	99,955	99,955
Def-Wide	Rhine Ordnance Barracks	Medical Center Replacement Inc. 8	319,589	319,589
Def-Wide	Weisbaden	Clay Kaserne Elementary School	56,048	56,048
	Japan			
Def-Wide	Camp Mctureous	Bechtel Elementary School	94,851	94,851
Def-Wide	Iwakuni	Fuel Pier	33,200	33,200
Def-Wide	Kadena Air Base	Truck Unload Facilities	21,400	21,400
Def-Wide	Yokosuka	Kinnick High School	170,386	40,000
	Kentucky			
Def-Wide	Fort Campbell	Ft Campbell Middle School	62,634	62,634
Def-Wide	Fort Campbell	SOF Air/Ground Integ. Urban Live Fire Range	9,091	9,091
Def-Wide	Fort Campbell	SOF Logistics Support Operations Facility	5,435	5,435
Def-Wide	Fort Campbell	SOF Multi-Use Helicopter Training Facility	5,138	5,138
	Maine			
Def-Wide	Kittery	Consolidated Warehouse Replacement	11,600	11,600
	Maryland			
Def-Wide	Fort Meade	Mission Support Operations Warehouse Facility	30,000	30,000
Def-Wide	Fort Meade	NSAW Recapitalize Building #2 Inc 4	218,000	218,000
Def-Wide	Fort Meade	NSAW Recapitalize Building #3 Inc 1	99,000	99,000
	Missouri			
Def-Wide	St. Louis	Next NGA West (N2W) Complex Phase 1 Inc. 2	213,600	181,000
Def-Wide	St. Louis	Next NGA West (N2W) Complex Phase 2 Inc. 1	110,000	110,000
	New Jersey			
Def-Wide	Joint Base Mcguire-Dix-Lakehurst	Hot Cargo Hydrant System Replacement	10,200	10,200
	North Carolina			
Def-Wide	Fort Bragg	SOF Replace Training Maze and Tower	12,109	12,109
Def-Wide	Fort Bragg	SOF SERE Resistance Training Lab. Complex	20,257	20,257
Def-Wide	New River	Amb Care Center/Dental Clinic Replacement	32,580	32,580
	Oklahoma			
Def-Wide	Mcalester	Bulk Diesel System Replacement	7,000	7,000
	Texas			
Def-Wide	Joint Base San Antonio	Energy Aerospace Operations Facility	10,200	10,200
Def-Wide	Red River Army Depot	General Purpose Warehouse	71,500	71,500
	United Kingdom			
Def-Wide	Croughton RAF	Ambulatory Care Center Addition/Alteration	10,000	0
	Virginia			
Def-Wide	Fort A.P. Hill	Training Campus	11,734	11,734
Def-Wide	Fort Belvoir	Human Performance Training Center	6,127	6,127
Def-Wide	Humphreys Engineer Center	Maintenance and Supply Facility	20,257	20,257
Def-Wide	Joint Base Langley-Eustis	Fuel Facilities Replacement	6,900	6,900
Def-Wide	Joint Base Langley-Eustis	Ground Vehicle Fueling Facility Replacement	5,800	5,800
Def-Wide	Pentagon	Exterior Infrastruc. & Security Improvements	23,650	23,650
Def-Wide	Pentagon	North Village VACP & Fencing	12,200	12,200
Def-Wide	Traning Center Dam Neck	SOF Magazines	8,959	8,959
	Washington			
Def-Wide	Joint Base Lewis-Mcchord	Refueling Facility	26,200	26,200
	Worldwide Unspecified			
Def-Wide	Unspecified Worldwide Locations	Contingency Construction	10,000	0
Def-Wide	Unspecified Worldwide Locations	Energy Resilience and Conserv. Invest. Prog.	150,000	165,000
Def-Wide	Unspecified Worldwide Locations	ERCIP Design	10,000	10,000
Def-Wide	Unspecified Worldwide Locations	Exercise Related Minor Construction	12,479	12,479
Def-Wide	Unspecified Worldwide Locations	Planning and Design	86,941	86,941
Def-Wide	Unspecified Worldwide Locations	Unspecified Minor Construction	31,642	31,642
Def-Wide	Various Worldwide Locations	Planning & Design	42,705	42,705

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Account	State/Country and Installation	Project Title	FY 2019 Request	House Agreement
Def-Wide	Various Worldwide Locations	Planning and Design	55,699	55,699
Def-Wide	Various Worldwide Locations	Unspecified Minor Construction	17,366	17,366
	Military Construction, Def-Wide Total		**2,693,324**	**2,473,338**
	Worldwide Unspecified			
NATO	NATO Security Investment Program	Nato Security Investment Program	171,064	171,064
	NATO Security Investment Program Total		**171,064**	**171,064**
	Alaska			
Army NG	Joint Base Elmendorf-Richardson	United States Property & Fiscal Office	27,000	27,000
	Illinois			
Army NG	Marseilles Training Center	Automated Record Fire Range	5,000	5,000
	Montana			
Army NG	Malta	National Guard Readiness Center	15,000	15,000
	Nevada			
Army NG	North Las Vegas	National Guard Readiness Center	32,000	32,000
	New Hampshire			
Army NG	Pembroke	National Guard Readiness Center	12,000	12,000
	North Dakota			
Army NG	Fargo	National Guard Readiness Center	32,000	32,000
	Ohio			
Army NG	Camp Ravenna	Automated Multipurpose Machine Gun Range	7,400	7,400
	Oklahoma			
Army NG	Lexington	Aircraft Vehicle Storage Building	0	11,000
	South Dakota			
Army NG	Rapid City	National Guard Readiness Center	15,000	15,000
	Worldwide Unspecified			
Army NG	Unspecified Worldwide Locations	Planning and Design	16,622	16,622
Army NG	Unspecified Worldwide Locations	Unspecified Minor Construction	18,100	18,100
	Military Construction, Army National Guard Total		**180,122**	**191,122**
	California			
Army Res	Fort Irwin	ECS Modified TEMF / Warehouse	34,000	34,000
	Washington			
Army Res	Yakima Training Center	ECS Modified TEMF	0	23,000
	Wisconsin			
Army Res	Fort Mccoy	Transient Training Barracks	23,000	23,000
	Worldwide Unspecified			
Army Res	Unspecified Worldwide Locations	Planning and Design	5,855	5,855
Army Res	Unspecified Worldwide Locations	Unspecified Minor Construction	2,064	2,064
	Military Construction, Army Reserve Total		**64,919**	**87,919**
	California			
N/MC Res	Naval Weapons Station Seal Beach	Reserve Training Center	21,740	21,740
	Georgia			
N/MC Res	Fort Benning	Reserve Training Center	13,630	13,630
	Pennsylvania			
N/MC Res	Pittsburgh	Reserve Training Center	0	0
	Worldwide Unspecified			
N/MC Res	Unspecified Worldwide Locations	Planning & Design	4,695	4,695
N/MC Res	Unspecified Worldwide Locations	Unspecified Minor Construction	3,000	3,000
	Military Construction, Naval Reserve Total		**43,065**	**43,065**
	California			
Air NG	Channel Islands Air National Guard Station	Construct C–130J Flight Simulator Facility	8,000	8,000
	Hawaii			
Air NG	Joint Base Pearl Harbor-Hickam	Construct Addition to F–22 LO/CRF B3408	17,000	17,000
	Illinois			

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Account	State/Country and Installation	Project Title	FY 2019 Request	House Agreement
Air NG	Greater Peoria Regional Airport	Construct New Fire Crash/Rescue Station	9,000	9,000
	Louisiana			
Air NG	New Orleans	NORTHCOM—Construct Alert Apron	15,000	15,000
Air NG	New Orleans	NORTHCOM—Construct Alert Facilities	0	24,000
	Minnesota			
Air NG	Duluth International Airport	Construct Small Arms Range	0	8,000
	Montana			
Air NG	Great Falls International Airport	Construct Aircraft Apron	0	9,000
	New York			
Air NG	Francis S. Gabreski Airport	Security Forces/Comm.Training Facility	20,000	20,000
	Ohio			
Air NG	Mansfield Lahm Airport	Replace Fire Station	0	13,000
Air NG	Rickenbacker International Airport	Construct Small Arms Range	0	8,000
	Pennsylvania			
Air NG	Fort Indiantown Gap	Replace Operations Training/Dining Hall	8,000	8,000
	Virginia			
Air NG	Joint Base Langley-Eustis	Construct Cyber Ops Facility	10,000	10,000
	Worldwide Unspecified			
Air NG	Unspecified Worldwide Locations	Unspecified Minor Construction	23,626	23,626
Air NG	Various Worldwide Locations	Planning and Design	18,500	18,500
Military Construction, Air National Guard Total			**129,126**	**191,126**
	Florida			
AF Res	Patrick Air Force Base	HC–130J Mx Hanger	0	24,000
	Indiana			
AF Res	Grissom Air Reserve Base	Add/Alter Aircraft Maintenance Hangar	12,100	12,100
AF Res	Grissom Air Reserve Base	Aerial Port Facility	0	9,400
	Massachusetts			
AF Res	Westover Air Reserve Base	Regional ISO Mx Hanger	0	42,600
	Minnesota			
AF Res	Minneapolis-St Paul International Airport	Small Arms Range	9,000	9,000
	Mississippi			
AF Res	Keesler Air Force Base	Aeromedical Staging Squadron Facility	4,550	4,550
	New York			
AF Res	Niagara Falls International Airport	Physical Fitness Center	14,000	14,000
	Ohio			
AF Res	Youngstown Air Rserve Station	Relocation Main Gate	0	8,800
	Texas			
AF Res	Naval Air Station Joint Reserve Base Fort Worth	Munitions Training/Admin Facility	3,100	3,100
	Worldwide Unspecified			
AF Res	Unspecified Worldwide Locations	Planning & Design	4,055	4,055
AF Res	Unspecified Worldwide Locations	Unspecified Minor Construction	3,358	3,358
Military Construction, Air Force Reserve Total			50,163	134,963
	Germany			
FH Con Army	Baumholder	Family Housing Improvements	32,000	32,000
	Italy			
FH Con Army	Vicenza	Family Housing New Construction	95,134	95,134
	Korea			
FH Con Army	Camp Humphreys	Family Housing New Construction Incr 3	85,000	85,000
FH Con Army	Camp Walker	Family Housing Replacement Construction	68,000	68,000
	Puerto Rico			
FH Con Army	Fort Buchanan	Family Housing Replacement Construction	26,000	26,000
	Wisconsin			
FH Con Army	Fort Mccoy	Family Housing New Construction	6,200	6,200
	Worldwide Unspecified			
FH Con Army	Unspecified Worldwide Locations	Family Housing P & D	18,326	18,326

SEC. 4601. MILITARY CONSTRUCTION
(In Thousands of Dollars)

Account	State/Country and Installation	Project Title	FY 2019 Request	House Agreement
Family Housing Construction, Army Total			**330,660**	**330,660**
	Worldwide Unspecified			
FH Ops Army	Unspecified Worldwide Locations	Furnishings	15,842	15,842
FH Ops Army	Unspecified Worldwide Locations	Housing Privatization Support	18,801	20,301
FH Ops Army	Unspecified Worldwide Locations	Leasing	161,252	161,252
FH Ops Army	Unspecified Worldwide Locations	Maintenance	75,530	75,530
FH Ops Army	Unspecified Worldwide Locations	Management	36,302	34,802
FH Ops Army	Unspecified Worldwide Locations	Miscellaneous	408	408
FH Ops Army	Unspecified Worldwide Locations	Services	10,502	10,502
FH Ops Army	Unspecified Worldwide Locations	Utilities	57,872	57,872
Family Housing Operation And Maintenance, Army Total			**376,509**	**376,509**
	Mariana Islands			
FH Con Navy	Guam	Replace Anderson Housing PH III	83,441	83,441
	Worldwide Unspecified			
FH Con Navy	Unspecified Worldwide Locations	Design, Washington DC	4,502	4,502
FH Con Navy	Unspecified Worldwide Locations	Improvements, Washington DC	16,638	16,638
Family Housing Construction, Navy And Marine Corps Total			104,581	104,581
	Worldwide Unspecified			
FH Ops Navy	Unspecified Worldwide Locations	Furnishings	16,395	16,395
FH Ops Navy	Unspecified Worldwide Locations	Housing Privatization Support	21,767	23,267
FH Ops Navy	Unspecified Worldwide Locations	Leasing	62,515	62,515
FH Ops Navy	Unspecified Worldwide Locations	Maintenance	86,328	86,328
FH Ops Navy	Unspecified Worldwide Locations	Management	50,870	49,370
FH Ops Navy	Unspecified Worldwide Locations	Miscellaneous	148	148
FH Ops Navy	Unspecified Worldwide Locations	Services	16,261	16,261
FH Ops Navy	Unspecified Worldwide Locations	Utilities	60,252	60,252
Family Housing Operation And Maintenance, Navy And Marine Corps Total			**314,536**	**314,536**
	Worldwide Unspecified			
FH Con AF	Unspecified Worldwide Locations	Construction Improvements	75,247	75,247
FH Con AF	Unspecified Worldwide Locations	Planning & Design	3,199	3,199
Family Housing Construction, Air Force Total			**78,446**	**78,446**
	Worldwide Unspecified			
FH Ops AF	Unspecified Worldwide Locations	Furnishings	30,645	30,645
FH Ops AF	Unspecified Worldwide Locations	Housing Privatization Support	22,205	23,705
FH Ops AF	Unspecified Worldwide Locations	Leasing	15,832	15,832
FH Ops AF	Unspecified Worldwide Locations	Maintenance	129,763	129,763
FH Ops AF	Unspecified Worldwide Locations	Management	54,423	52,923
FH Ops AF	Unspecified Worldwide Locations	Miscellaneous	2,171	2,171
FH Ops AF	Unspecified Worldwide Locations	Services	13,669	13,669
FH Ops AF	Unspecified Worldwide Locations	Utilities	48,566	48,566

SEC. 4601. MILITARY CONSTRUCTION
(In Thousands of Dollars)

Account	State/Country and Installation	Project Title	FY 2019 Request	House Agreement
	Family Housing Operation And Maintenance, Air Force Total		**317,274**	**317,274**
	Worldwide Unspecified			
FH Ops DW	Unspecified Worldwide Locations	Furnishings	1,060	1,060
FH Ops DW	Unspecified Worldwide Locations	Leasing	51,278	51,278
FH Ops DW	Unspecified Worldwide Locations	Maintenance	1,663	1,663
FH Ops DW	Unspecified Worldwide Locations	Management	155	155
FH Ops DW	Unspecified Worldwide Locations	Services	2	2
FH Ops DW	Unspecified Worldwide Locations	Utilities	4,215	4,215
	Family Housing Operation And Maintenance, Defense-Wide Total		**58,373**	**58,373**
	Worldwide Unspecified			
FHIF	Unspecified Worldwide Locations	Administrative Expenses—FHIF	1,653	1,653
	DOD Family Housing Improvement Fund Total		**1,653**	**1,653**
	Worldwide Unspecified			
UHIF	Unaccompanied Housing Improvement Fund	Administrative Expenses—UHIF	600	600
	Unaccompanied Housing Improvement Fund Total		**600**	**600**
	Worldwide Unspecified			
BRAC	Unspecified Worldwide Locations	Base Realignment and Closure	62,796	80,906
BRAC	Unspecified Worldwide Locations	Base Realignment and Closure	151,839	170,949
BRAC	Unspecified Worldwide Locations	Base Realignment and Closure	52,903	71,013
	Base Realignment and Closure Total		**267,538**	**322,868**
	Prior Year Savings			
PYS	Prior Year Savings	Prior Year Savings	0	–71,158
	Prior Year Savings Total		**0**	**–71,158**
	Total, Military Construction		**10,462,617**	**10,332,478**

SEC. 4602. MILITARY CONSTRUCTION FOR OVERSEAS CONTINGENCY OPERATIONS.

SEC. 4602. MILITARY CONSTRUCTION FOR OVERSEAS CONTINGENCY OPERATIONS
(In Thousands of Dollars)

Account	State/Country and Installation	Project Title	FY 2019 Request	House Agreement
	Bulgaria			
Army	Nevo Selo	EDI: Ammunition Holding Area	5,200	5,200
	Cuba			
Army	Guantanamo Bay	High Value Detention Facility	69,000	0
	Poland			
Army	Drawsko Pomorski Training Area	EDI: Staging Area	17,000	17,000
Army	Powidz Air Base	EDI: Ammunition Storage Facility	52,000	52,000
Army	Powidz Air Base	EDI: Bulk Fuel Storage	21,000	21,000
Army	Powidz Air Base	EDI: Rail Extension & Railhead	14,000	14,000
Army	Zagan Training Area	EDI: Rail Extension and Railhead	6,400	6,400
Army	Zagan Training Area	EDI: Staging Area	34,000	34,000
	Romania			
Army	Mihail Kogalniceanu	EDI: Explosives & Ammo Load/Unload Apron	21,651	21,651
	Worldwide Unspecified			
Army	Unspecified Worldwide Locations	EDI: Planning and Design	20,999	20,999

SEC. 4602. MILITARY CONSTRUCTION FOR OVERSEAS CONTINGENCY OPERATIONS
(In Thousands of Dollars)

Account	State/Country and Installation	Project Title	FY 2019 Request	House Agreement
Military Construction, Army Total			**261,250**	**192,250**
	Greece			
Navy	*Souda Bay*	*EDI: Joint Mobility Processing Center*	*41,650*	*41,650*
Navy	*Souda Bay*	*EDI: Marathi Logistics Support Center*	*6,200*	*6,200*
	Italy			
Navy	*Sigonella*	*EDI: P–8A Taxiway*	*66,050*	*66,050*
	Spain			
Navy	*Rota*	*EDI: Port Operations Facilities*	*21,590*	*21,590*
	United Kingdom			
Navy	*Lossiemouth*	*EDI: P–8 Base Improvements*	*79,130*	*79,130*
	Worldwide Unspecified			
Navy	*Unspecified Worldwide Locations*	*EDI: Planning and Design*	*12,700*	*12,700*
Military Construction, Navy Total			**227,320**	**227,320**
	Germany			
AF	*Ramstein AB*	*EDI: KMC DABS-FEV/RH Storage Warehouses*	*119,000*	*119,000*
	Norway			
AF	*Rygge*	*EDI: Construct Taxiway*	*13,800*	*13,800*
	Qatar			
AF	*Al Udeid*	*Flight line Support Facilities*	*0*	*30,400*
AF	*Al Udeid*	*Personnel Deployment Processing Facility*	*0*	*40,000*
	Slovakia			
AF	*Malacky*	*EDI: Regional Munitions Storage Area*	*59,000*	*59,000*
	United Kingdom			
AF	*RAF Fairford*	*EDI: Construct DABS-FEV Storage*	*87,000*	*87,000*
AF	*RAF Fairford*	*EDI: Munitions Holding Area*	*19,000*	*19,000*
	Worldwide Unspecified			
AF	*Unspecified Worldwide Locations*	*EDI: Planning & Design Funds*	*48,000*	*46,600*
Military Construction, Air Force Total			**345,800**	**414,800**
	Estonia			
Def-Wide	*Unspecified Estonia*	*EDI: SOF Operations Facility*	*6,100*	*6,100*
Def-Wide	*Unspecified Estonia*	*EDI: SOF Training Facility*	*9,600*	*9,600*
	Qatar			
Def-Wide	*Al Udeid*	*Trans-Regional Logistics Complex*	*60,000*	*60,000*
	Worldwide Unspecified			
Def-Wide	*Unspecified Worldwide Locations*	*EDI: Planning and Design*	*7,100*	*7,100*
Def-Wide	*Various Worldwide Locations*	*EDI: Planning and Design*	*4,250*	*4,250*
Military Construction, Defense-Wide Total			**87,050**	**87,050**
Total, Military Construction			**921,420**	**921,420**

TITLE XLVII—DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS

SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS.

SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS
(In Thousands of Dollars)

Program	FY 2019 Request	House Authorized
Discretionary Summary By Appropriation		
Energy And Water Development, And Related Agencies		
Appropriation Summary:		
Energy Programs		

SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS
(In Thousands of Dollars)

Program	FY 2019 Request	House Authorized
Nuclear Energy	136,090	136,090
Atomic Energy Defense Activities		
National nuclear security administration:		
Weapons activities	11,017,078	11,215,078
Defense nuclear nonproliferation	1,862,825	1,989,825
Naval reactors	1,788,618	1,788,618
Federal salaries and expenses	422,529	404,529
Total, National nuclear security administration	**15,091,050**	**15,398,050**
Environmental and other defense activities:		
Defense environmental cleanup	5,630,217	5,680,217
Other defense activities	853,300	853,300
Defense nuclear waste disposal	30,000	30,000
Total, Environmental & other defense activities	**6,513,517**	**6,563,517**
Total, Atomic Energy Defense Activities	**21,604,567**	**21,961,567**
Total, Discretionary Funding	**21,740,657**	**22,097,657**
Nuclear Energy		
Idaho sitewide safeguards and security	136,090	136,090
Total, Nuclear Energy	**136,090**	**136,090**
Weapons Activities		
Directed stockpile work		
Life extension programs and major alterations		
B61–12 Life extension program	794,049	794,049
W76–1 Life extension program	48,888	48,888
W88 Alt 370	304,285	304,285
W80–4 Life extension program	654,766	654,766
IW–1	53,000	53,000
W76–2 Warhead modification program	65,000	65,000
Total, Life extension programs and major alterations	**1,919,988**	**1,919,988**
Stockpile systems		
B61 Stockpile systems	64,547	64,547
W76 Stockpile systems	94,300	94,300
W78 Stockpile systems	81,329	81,329
W80 Stockpile systems	80,204	80,204
B83 Stockpile systems	35,082	35,082
W87 Stockpile systems	83,107	83,107
W88 Stockpile systems	180,913	180,913
Total, Stockpile systems	**619,482**	**619,482**
Weapons dismantlement and disposition		
Operations and maintenance	56,000	56,000
Stockpile services		
Production support	512,916	508,916
Program decrease		[–4,000]
Research and development support	38,129	38,129
R&D certification and safety	216,582	214,582
Program decrease		[–2,000]
Management, technology, and production	300,736	298,736
Program decrease		[–2,000]
Total, Stockpile services	**1,068,363**	**1,060,363**
Strategic materials		
Uranium sustainment	87,182	87,182
Plutonium sustainment	361,282	361,282
Tritium sustainment	205,275	205,275
Lithium sustainment	29,135	29,135
Domestic uranium enrichment	100,704	100,704
Strategic materials sustainment	218,794	218,794
Total, Strategic materials	**1,002,372**	**1,002,372**
Total, Directed stockpile work	**4,666,205**	**4,658,205**
Research, development, test and evaluation (RDT&E)		
Science		
Advanced certification	57,710	57,710
Primary assessment technologies	95,057	93,057

SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS
(In Thousands of Dollars)

Program	FY 2019 Request	House Authorized
Program decrease		[–2,000]
Dynamic materials properties	131,000	128,000
Program decrease		[–3,000]
Advanced radiography	32,544	32,544
Secondary assessment technologies	77,553	77,553
Academic alliances and partnerships	53,364	53,364
Enhanced Capabilities for Subcritical Experiments	117,632	117,632
Total, Science	**564,860**	**559,860**
Engineering		
Enhanced surety	43,226	43,226
Weapon systems engineering assessment technology	27,536	27,536
Nuclear survivability	48,230	48,230
Enhanced surveillance	58,375	58,375
Stockpile Responsiveness	34,000	40,000
Program increase		[6,000]
Total, Engineering	**211,367**	**217,367**
Inertial confinement fusion ignition and high yield		
Ignition	22,434	42,434
Maintain sustainable levels		[20,000]
Support of other stockpile programs	17,397	21,397
Maintain sustainable levels		[4,000]
Diagnostics, cryogenics and experimental support	51,453	61,453
Maintain sustainable levels		[10,000]
Pulsed power inertial confinement fusion	8,310	8,310
Facility operations and target production	319,333	334,333
Maintain sustainable levels		[15,000]
Total, Inertial confinement fusion and high yield	**418,927**	**467,927**
Advanced simulation and computing		
Advanced simulation and computing	656,401	656,401
Construction:		
18–D–670, Exascale Class Computer Cooling Equipment, LANL	24,000	24,000
18–D–620, Exascale Computing Facility Modernization Project, LLNL	23,000	23,000
Total, Construction	**47,000**	**47,000**
Total, Advanced simulation and computing	**703,401**	**703,401**
Advanced manufacturing		
Additive manufacturing	17,447	17,447
Component manufacturing development	48,477	48,477
Process technology development	30,914	30,914
Total, Advanced manufacturing	**96,838**	**96,838**
Total, RDT&E	**1,995,393**	**2,045,393**
Infrastructure and operations		
Operations of facilities	891,000	891,000
Safety and environmental operations	115,000	115,000
Maintenance and repair of facilities	365,000	404,000
Address high-priority repair needs and preventive maintenance		[39,000]
Recapitalization:		
Infrastructure and safety	431,631	498,631
Support high-priority deferred maintenance		[67,000]
Capability based investments	109,057	113,057
Program increase		[4,000]
Total, Recapitalization	**540,688**	**611,688**
Construction:		
19–D–670, 138kV Power Transmission System Replacement, NNSS	6,000	6,000
19–D–660, Lithium Production Capability, Y–12	19,000	19,000
18–D–680, Material Staging Facility, Pantex	0	24,000
18–D–650, Tritium Production Capability, SRS	27,000	27,000
17–D–710, West End Protected Area reduction Project, Y–12	0	9,000
17–D–640, U1a Complex Enhancements Project, NNSS	53,000	53,000
16–D–515, Albuquerque complex project	47,953	47,953
14–D–710, DAF Argus project, NNSS	0	2,000
06–D–141 Uranium processing facility Y–12, Oak Ridge, TN	703,000	703,000
04–D–125 Chemistry and metallurgy research facility replacement project, LANL	235,095	235,095

SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS
(In Thousands of Dollars)

Program	FY 2019 Request	House Authorized
Total, Construction	**1,091,048**	**1,126,048**
Total, Infrastructure and operations	**3,002,736**	**3,147,736**
Secure transportation asset		
Operations and equipment	*176,617*	*176,617*
Program direction	*102,022*	*102,022*
Total, Secure transportation asset	**278,639**	**278,639**
Defense nuclear security		
Operations and maintenance	*690,638*	*701,638*
Physical security infrastructure recapitalization and CSTART		*[11,000]*
Total, Defense nuclear security	**690,638**	**701,638**
Information technology and cybersecurity	*221,175*	*221,175*
Legacy contractor pensions	*162,292*	*162,292*
Total, Weapons Activities	**11,017,078**	**11,215,078**
Defense Nuclear Nonproliferation		
Defense Nuclear Nonproliferation Programs		
Global material security		
International nuclear security	*46,339*	*46,339*
Domestic radiological security	*90,764*	*90,764*
International radiological security	*59,576*	*59,576*
Nuclear smuggling detection and deterrence	*140,429*	*140,429*
Total, Global material security	**337,108**	**337,108**
Material management and minimization		
HEU reactor conversion	*98,300*	*98,300*
Nuclear material removal	*32,925*	*32,925*
Material disposition	*200,869*	*200,869*
Total, Material management & minimization	**332,094**	**332,094**
Nonproliferation and arms control	*129,703*	*129,703*
Defense nuclear nonproliferation R&D	*456,095*	*468,095*
Acceleration of low-yield detection experiments		*[6,000]*
Future nuclear proliferation challenges, including 3D printing		*[6,000]*
Nonproliferation Construction:		
18–D–150 Surplus Plutonium Disposition Project	*59,000*	*59,000*
99–D–143 Mixed Oxide (MOX) Fuel Fabrication Facility, SRS	*220,000*	*335,000*
Total, Nonproliferation construction	**279,000**	**394,000**
Total, Defense Nuclear Nonproliferation Programs	**1,534,000**	**1,661,000**
Legacy contractor pensions	*28,640*	*28,640*
Nuclear counterterrorism and incident response program	*319,185*	*319,185*
Use of prior year balances	*–19,000*	*–19,000*
Total, Defense Nuclear Nonproliferation	**1,862,825**	**1,989,825**
Naval Reactors		
Naval reactors development	*514,951*	*514,951*
Columbia-Class reactor systems development	*138,000*	*138,000*
S8G Prototype refueling	*250,000*	*250,000*
Naval reactors operations and infrastructure	*525,764*	*525,764*
Construction:		
19–D–930, KS Overhead Piping	*10,994*	*10,994*
17–D–911, BL Fire System Upgrade	*13,200*	*13,200*
14–D–901 Spent fuel handling recapitalization project, NRF	*287,000*	*287,000*
Total, Construction	**311,194**	**311,194**
Program direction	*48,709*	*48,709*
Total, Naval Reactors	**1,788,618**	**1,788,618**
Federal Salaries And Expenses		
Program direction	*422,529*	*404,529*
Program decrease		*[–18,000]*
Total, Office Of The Administrator	**422,529**	**404,529**

SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS
(In Thousands of Dollars)

Program	FY 2019 Request	House Authorized
Defense Environmental Cleanup		
Closure sites:		
Closure sites administration	4,889	4,889
Richland:		
River corridor and other cleanup operations	89,577	89,577
Central plateau remediation	562,473	612,473
Accelerated remediation of 300–296 waste site		[50,000]
Richland community and regulatory support	5,121	5,121
Construction:		
18–D–404 WESF Modifications and Capsule Storage	1,000	1,000
Total, Construction	**1,000**	**1,000**
Total, Hanford site	**658,171**	**708,171**
Office of River Protection:		
Waste Treatment Immobilization Plant Commissioning	15,000	15,000
Rad liquid tank waste stabilization and disposition	677,460	677,460
Construction:		
15–D–409 Low activity waste pretreatment system, ORP	56,053	56,053
01–D–416 A-D WTP Subprojects A-D	675,000	675,000
01–D–416 E—Pretreatment Facility	15,000	15,000
Total, Construction	**746,053**	**746,053**
Total, Office of River protection	**1,438,513**	**1,438,513**
Idaho National Laboratory:		
SNF stabilization and disposition—2012	17,000	17,000
Solid waste stabilization and disposition	148,387	148,387
Radioactive liquid tank waste stabilization and disposition	137,739	137,739
Soil and water remediation—2035	42,900	42,900
Idaho community and regulatory support	3,200	3,200
Total, Idaho National Laboratory	**349,226**	**349,226**
NNSA sites and Nevada off-sites		
Lawrence Livermore National Laboratory	1,704	1,704
Nuclear facility D & D		
Separations Process Research Unit	15,000	15,000
Nevada	60,136	60,136
Sandia National Laboratories	2,600	2,600
Los Alamos National Laboratory	191,629	191,629
Total, NNSA sites and Nevada off-sites	**271,069**	**271,069**
Oak Ridge Reservation:		
OR Nuclear facility D & D		
OR-0041—D&D - Y–12	30,214	30,214
OR-0042—D&D -ORNL	60,007	60,007
Total, OR Nuclear facility D & D	**90,221**	**90,221**
U233 Disposition Program	45,000	45,000
OR cleanup and waste disposition		
OR cleanup and disposition	67,000	67,000
Construction:		
17–D–401 On-site waste disposal facility	5,000	5,000
14–D–403 Outfall 200 Mercury Treatment Facility	11,274	11,274
Total, Construction	**16,274**	**16,274**
Total, OR cleanup and waste disposition	**83,274**	**83,274**
OR community & regulatory support	4,711	4,711
OR technology development and deployment	3,000	3,000
Total, Oak Ridge Reservation	**226,206**	**226,206**
Savannah River Sites:		
Nuclear Material Management	351,331	351,331
Environmental Cleanup		
Environmental Cleanup	166,105	166,105
Construction:		
18–D–402, Emergency Operations Center	1,259	1,259
Total, Environmental Cleanup	**167,364**	**167,364**

SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS
(In Thousands of Dollars)

Program	FY 2019 Request	House Authorized
SR community and regulatory support	4,749	4,749
Radioactive liquid tank waste stabilization and disposition	805,686	805,686
Construction:		
18–D–401, SDU #8/9	37,450	37,450
17–D–402—Saltstone Disposal Unit #7	41,243	41,243
05–D–405 Salt waste processing facility, Savannah River Site	65,000	65,000
Total, Construction	**143,693**	**143,693**
Total, Savannah River site	**1,472,823**	**1,472,823**
Waste Isolation Pilot Plant		
Operations and maintenance	220,000	220,000
Central characterization project	19,500	19,500
Critical Infrastructure Repair/Replacement	46,695	46,695
Transportation	25,500	25,500
Construction:		
15–D–411 Safety significant confinement ventilation system, WIPP	84,212	84,212
15–D–412 Exhaust shaft, WIPP	1,000	1,000
Total, Construction	**85,212**	**85,212**
Total, Waste Isolation Pilot Plant	**396,907**	**396,907**
Program direction	300,000	300,000
Program support	6,979	6,979
Minority Serving Institution Partnership	6,000	6,000
Safeguards and Security		
Oak Ridge Reservation	14,023	14,023
Paducah	15,577	15,577
Portsmouth	15,078	15,078
Richland/Hanford Site	86,686	86,686
Savannah River Site	183,357	183,357
Waste Isolation Pilot Project	6,580	6,580
West Valley	3,133	3,133
Total, Safeguards and Security	**324,434**	**324,434**
Technology development	25,000	25,000
HQEF-0040—Excess Facilities	150,000	150,000
Total, Defense Environmental Cleanup	**5,630,217**	**5,680,217**
Other Defense Activities		
Environment, health, safety and security		
Environment, health, safety and security	135,194	135,194
Program direction	70,653	70,653
Total, Environment, Health, safety and security	**205,847**	**205,847**
Independent enterprise assessments		
Independent enterprise assessments	24,068	24,068
Program direction	52,702	52,702
Total, Independent enterprise assessments	**76,770**	**76,770**
Specialized security activities	254,378	254,378
Office of Legacy Management		
Legacy management	140,575	140,575
Program direction	18,302	18,302
Total, Office of Legacy Management	**158,877**	**158,877**
Defense related administrative support		
Chief financial officer	48,484	48,484
Chief information officer	96,793	96,793
Project management oversight and Assessments	8,412	8,412
Total, Defense related administrative support	**153,689**	**153,689**
Office of hearings and appeals	5,739	5,739
Subtotal, Other defense activities	**855,300**	**855,300**
Rescission of prior year balances (OHA)	–2,000	–2,000
Total, Other Defense Activities	**853,300**	**853,300**
Defense Nuclear Waste Disposal		
Yucca mountain and interim storage	30,000	30,000
Total, Defense Nuclear Waste Disposal	**30,000**	**30,000**

Amend the title so as to read: ''A bill to authorize appropriations for fiscal year 2019 for military activities of the Department of Defense, for military construction, and for defense activities of the Department of Energy, to prescribe military personnel strengths for such fiscal year, and for other purposes.''.

Union Calendar No. 521

115TH CONGRESS
2D SESSION

H. R. 5515

[Report No. 115–676]

A BILL

To authorize appropriations for fiscal year 2019 for military activities of the Department of Defense and for military construction, to prescribe military personnel strengths for such fiscal year, and for other purposes.

MAY 15, 2018

Reported with amendments, committed to the Committee of the Whole House on the State of the Union, and ordered to be printed