

**H.R. 5515—FY19 NATIONAL DEFENSE
AUTHORIZATION BILL**

CHAIRMAN’S MARK

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Section 101—Authorization of Appropriations

This section would authorize appropriations for procurement at the levels identified in section 4101 of division D of this Act.

SUBTITLE C—NAVY PROGRAMS

Section 122—Multiyear Procurement Authority for Amphibious Vessels

This section would authorize the Secretary of the Navy to enter into a multiyear procurement for five San Antonio-class amphibious transport dock ships with a Flight II configuration.

Section 128—Limitation on Procurement of Economic Order Quantities for Virginia Class Submarine Program

This section would modify section 124 of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115-91) and prohibit the Secretary of the Navy from entering into economic order quantity contracts for the Virginia-class submarine program until the Secretary certifies that such funding shall be used to enter into economic order quantities for 12 Virginia-class submarines.

SUBTITLE D—AIR FORCE PROGRAMS

Section 142—Limitation on Use of Funds for KC-46A Aircraft Pending Submittal of Certification

This section would limit the funds authorized to be appropriated to procure three KC-46A aircraft until the Secretary of the Air Force certifies that both supplemental and military type certifications have been approved and that the first aircraft has been accepted by the Air Force.

TITLE II—RESEARCH, DEVELOPMENT, TEST, AND EVALUATION

LEGISLATIVE PROVISIONS

SUBTITLE A—AUTHORIZATION OF APPROPRIATIONS

Section 201—Authorization of Appropriations

This section would authorize appropriations for research, development, test, and evaluation at the levels identified in section 4201 of division D of this Act.

SUBTITLE B—PROGRAM REQUIREMENTS, RESTRICTIONS, AND LIMITATIONS

Section 213—Prohibition on Availability of Funds for the Weather Common Component Program

This section would restrict funding for further development of meteorological situational awareness sensor programs for unmanned aircraft systems, and require the Secretary of the Air Force to submit a report to the congressional defense committees that describes requirements, existing technologies, current program efforts, testing and evaluation, and a fielding plan for capabilities associated with providing meteorological situational awareness to unmanned aircraft aircrews.

The committee notes that the Air Force office for Unmanned Aircraft Systems (UAS) Innovations and Integration under the Deputy Chief of Staff of the Air Force for Intelligence, Surveillance, and Reconnaissance (HAF/A2) began an initiative in 2010 to develop an UAS sensor that could provide real-time meteorological situational awareness for UAS aircrews to increase mission effectiveness and mitigate reliance upon weather forecasting capabilities in geographic regions with limited or no weather services provided for flight operations. The effort culminated in 2015 and cost the Air Force \$10.6 million. On October 30, 2015, the then-12th Air Force Commander, and now current Deputy Chief of Staff of the Air Force for Operations (HAF/A3), validated key global weather requirements for UAS operations, to include: increasing UAS situational awareness of current and predicted state of environmental phenomena to maximize mission effectiveness, efficiency, safety, resource protection, and risk management; relaying all onboard-UAS weather data and information, such as air temperature, humidity, wind speed and direction, turbulence, ice accretion, and weather radar in real-time; and increasing real-time, on-board weather collection capability to provide pilot situational awareness and support Air Force forecast processes. However, the HAF/A2 sensor remains non-deployed, despite the Air National Guard Air Force Reserve Command Test Center finding the sensor and its associated software to be potentially operationally effective and suitable in a formal report published in January 2018. More concerning to the committee is that a separate development effort is being undertaken by HAF/A3 weather officials that appears to duplicate the technology. Thus, this section would restrict further funding for additional systems until the Air Force provides a report that will allow the committee to evaluate the need for additional capability.

Section 219—National Security Science and Technology Strategy

This section would direct the Secretary of Defense to develop a National Security Science and Technology Strategy to prioritize Department of Defense science and technology efforts and investments. The Secretary of Defense would be required to submit the most recent version of the strategy to the congressional defense committees not later than February 4, 2019, and annually thereafter through December 31, 2021.

SUBTITLE C—REPORTS AND OTHER MATTERS

Section 221—Report on Survivability of Air Defense Artillery

This section would require the Secretary of the Army to submit a report to the Committees on Armed Services of the Senate and the House of Representatives by March 1, 2019, on efforts to improve Army Air Defense Artillery (ADA) survivability and require the Army to assess measures that could better enhance ADA defenses, both active and passive.

The committee is concerned that U.S. Army Air Defense Artillery units may lack required active and passive non-kinetic capabilities and training to maximize their level of survivability against sophisticated threats. The committee recognizes that ADA is a critical and increasingly important component of Joint Integrated Air and Missile Defense. The committee also supports continued modernization and expansion of ADA capability.

TITLE III—OPERATION AND MAINTENANCE

LEGISLATIVE PROVISIONS

SUBTITLE A—AUTHORIZATION OF APPROPRIATIONS

Section 301—Authorization of Appropriations

This section would authorize appropriations for operation and maintenance activities at the levels identified in section 4301 of division D of this Act.

SUBTITLE B—ENERGY AND ENVIRONMENT

Section 312—Extension of Authorized Periods of Permitted Incidental Takings of Marine Mammals in the Course of Specified Activities by Department of Defense

This section would amend section 1371 of title 16, United States Code, to extend the period the Secretary of Interior may authorize the incidental taking of marine mammals by the Department of Defense from 5 years to 10 years if the

Secretary finds that such takings will have a negligible impact on any marine mammal species.

SUBTITLE C—LOGISTICS AND SUSTAINMENT

Section 324—Temporary Modification of Workload Carryover Formula

This section would require the Secretary of Defense to modify the workload carryover calculation formula for each military department depot or arsenal through September 30, 2021. These modifications would reflect the timing of enacted appropriations and the varying repair cycle times of the workload supported, and apply in addition to current Department of Defense carryover exemptions.

SUBTITLE D—REPORTS

Section 333—Surface Warfare Training Improvement

This section would express the sense of Congress that the Secretary of the Navy should establish an assessment process for surface warfare officers prior to operational tour assignments and that the Secretary should expand the International Convention on Standards of Training, Certification and Watchkeeping (STCW) qualification process for surface warfare officers and enlisted navigation watch team personnel to improve seamanship and navigation aboard Navy vessels. Further, this section would require the Secretary of the Navy to provide a report on surface warfare officer credentialing, training, and assessment to the congressional defense committees not later than March 1, 2019.

TITLE IV—MILITARY PERSONNEL AUTHORIZATIONS

LEGISLATIVE PROVISIONS

SUBTITLE C—AUTHORIZATION OF APPROPRIATIONS

Section 421—Military Personnel

This section would authorize appropriations for military personnel at the levels identified in the funding table in section 4401 of division D of this Act.

TITLE V—MILITARY PERSONNEL POLICY

LEGISLATIVE PROVISIONS

SUBTITLE A—REGULAR AND RESERVE COMPONENT MANAGEMENT

Section 502—Surface Warfare Officers Career Paths

This section would amend chapter 602 of title 10, United States Code, by adding a new section that would require the Secretary of the Navy to establish two career paths for surface warfare officers. The Secretary would be required to establish one career path in ship engineering systems and another in ship operations and combat systems, not later than January 1, 2021.

SUBTITLE B—GENERAL SERVICE AUTHORITIES AND CORRECTION OF MILITARY RECORDS

Section 512—Modification to Forms of Support That May Be Accepted in Support of the Mission of the Defense POW/MIA Accounting Agency

This section would modify the forms of support that may be accepted by the Defense POW/MIA Accounting Agency (DPAA) to include public-private partnerships and the acceptance of gifts that facilitate the accounting of missing persons within the purview of the DPAA mission.

SUBTITLE D—MEMBER EDUCATION, TRAINING, RESILIENCE, AND TRANSITION

Section 533—Extension of Pilot Program to Assist Members in Obtaining Post-Service Employment

This section would amend section 555 of the Carl Levin and Howard P. "Buck" McKeon National Defense Authorization Act for Fiscal Year 2015 (Public Law 113-291) to extend the authority for the pilot program under this section to September 30, 2023.

SUBTITLE E—DEFENSE DEPENDENTS' EDUCATION AND MILITARY FAMILY READINESS MATTERS

Section 544—Continued Assistance to Schools with Significant Numbers of Military Dependent Students

This section would authorize \$40.0 million for the purpose of providing assistance to local educational agencies with military dependent students and \$10.0 million for local educational agencies eligible to receive a payment for children with severe disabilities.

TITLE VI—COMPENSATION AND OTHER PERSONNEL BENEFITS

LEGISLATIVE PROVISIONS

SUBTITLE C—OTHER MATTERS

Section 621—Expansions of Installation Benefits to Surviving Spouses, Dependent Children, and Other Next of Kin

This section would amend section 1126 of title 10, United States Code, to require the Secretary of Defense to provide lifetime installation access to Gold Star spouses and their dependent children for the purposes of attending memorial services, visiting gravesites, and accessing survivor services to which they are already entitled. Additionally, this section would provide the Secretary discretion to provide similar access to other surviving family members and require access reciprocity between the military services, and would extend access to base commissaries, exchanges, and other recreation facilities for all remarried surviving military spouses for as long as they have surviving dependent children under their guardianship.

TITLE VII—HEALTH CARE PROVISIONS

LEGISLATIVE PROVISIONS

SUBTITLE A—TRICARE AND OTHER HEALTH CARE BENEFITS

Section 701—TRICARE Medicare Advantage Demonstration Program

This section would authorize the Department of Defense to develop a Medicare Advantage demonstration program for TRICARE-eligible beneficiaries.

SUBTITLE B—HEALTH CARE ADMINISTRATION

Section 714—Improvements to Trauma Center Partnerships

This section would amend section 708 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328), by authorizing the use of civilian trauma centers in the training of military health professionals in trauma-related specialties.

TITLE VIII—ACQUISITION POLICY, ACQUISITION MANAGEMENT, AND RELATED MATTERS

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SUBTITLE A—STREAMLINING OF DEFENSE ACQUISITION STATUTES AND REGULATIONS

Section 800—Effective Dates; Coordination of Amendments

This section would set the effective dates for the establishment of a new part V of subtitle A of title 10, United States Code, and the redesignation of the chapter and section numbers for title 10 subtitles B, C, and D in order to create numerical space for a new part V at the end of subtitle A. This restructuring would also enable additional growth and potential future reorganization of title 10 statutes in other subject areas outside of the acquisition code.

The committee expects that this restructuring effort would be sustained. The second phase of reorganization would be enacted by follow-on legislation that would direct the more detailed chapter by chapter transfer into the final revised, rationalized structure of title 10 not later than February 1, 2020.

PART I—CONSOLIDATION OF DEFENSE ACQUISITION STATUTES IN NEW PART V OF SUBTITLE A OF TITLE 10, UNITED STATES CODE

Section 801—Framework for New Part V of Subtitle A

This section would establish the initial step in the first phase of a comprehensive reorganization and optimization of acquisition-related statutes in title 10, United States Code. The committee recognizes that the structure for acquisition-related statutes in title 10 has become unwieldy and inadequate.

This section would create a new part V at the end of subtitle A of title 10, thus logically organizing all acquisition-related statutes in one part in the Code. The committee expects that the actual shift of statutory language for the new part V would be established in a subsequent second phase of legislation, but not later than February 1, 2020.

The committee notes that reorganizing defense acquisition statutes into a restructured, rationalized form would reflect more clearly the underlying organization of these statutes and provide a structure that is more intuitive and easier to navigate, as well as facilitate future growth within the Code's structure. In addition, the proposed reorganization would provide an opportunity to restore parallelism between the acquisition-related provisions of title 10 and the corresponding provisions of title 41, United States Code, that are applicable to procurement by non-defense agencies, which would benefit the entirety of the Federal contracting community.

The committee expects that this restructuring effort will be sustained, and the second phase of reorganization will be enacted by follow-on legislation that will direct the more detailed chapter by chapter transfer into the final revised, rationalized structure of title 10 (to include the new part V of subtitle A) not later than February 1, 2020.

PART II—REDESIGNATION OF SECTIONS AND CHAPTERS OF SUBTITLES B, C, AND D TO PROVIDE ROOM FOR NEW PART V OF SUBTITLE A

Section 806—Redesignation of Sections and Chapters of Subtitle D of Title 10, United States Code—Air Force

This section would redesignate the chapter and section numbers for subtitle D of title 10, United States Code, in order to create numerical space for a new part V at the end of subtitle A. This restructuring would also enable additional growth and potential future reorganization of title 10 statutes in other subject areas outside of the acquisition code.

The committee expects that this restructuring effort would be sustained. The second phase of reorganization would be enacted by follow-on legislation that would direct a more detailed chapter by chapter transfer into a final revised, rationalized structure of title 10 not later than February 1, 2020.

Section 807—Redesignation of Sections and Chapters of Subtitle C of Title 10, United States Code—Navy and Marine Corps

This section would redesignate the chapter and section numbers for subtitle C of title 10, United States Code, in order to create numerical space for a new part V at the end of subtitle A. This restructuring would also enable additional growth and potential future reorganization of title 10 statutes in other subject areas outside of the acquisition code.

The committee expects that this restructuring effort would be sustained. The second phase of reorganization would be enacted by follow-on legislation that would direct a more detailed chapter by chapter transfer into a final revised, rationalized structure of title 10 not later than February 1, 2020.

Section 808—Redesignation of Sections and Chapters of Subtitle B of Title 10, United States Code—Army

This section would redesignate the chapter and section numbers for subtitle B of title 10, United States Code, in order to create numerical space for a new part V at the end of subtitle A. This restructuring would also enable additional growth and potential future reorganization of title 10 statutes in other subject areas outside of the acquisition code.

The committee expects that this restructuring effort would be sustained. The second phase of reorganization would be enacted by follow-on legislation that would direct a more detailed chapter by chapter transfer into a final revised, rationalized structure of title 10 not later than February 1, 2020.

Section 809—Cross References to Redesignated Sections and Chapters

This section would establish the cross-references guidance for new redesignated sections and chapters of title 10, United States Code.

The committee expects that this restructuring effort would be sustained. The second phase of reorganization would be enacted by follow-on legislation that would direct a more detailed chapter by chapter transfer into a final revised, rationalized structure of title 10 not later than February 1, 2020.

PART III—REPEALS OF CERTAIN PROVISIONS OF DEFENSE ACQUISITION LAW

Section 811—Amendment to and Repeal of Statutory Requirements for Certain Positions or Offices in the Department of Defense

This section would amend or repeal a number of statutory requirements for certain Department of Defense positions or offices established or required by law, and would establish a sunset for one statutory designation.

The committee notes that these repeals do not constitute an assessment of the offices' or positions' respective missions or roles in the acquisition process, but rather are an effort to remove needlessly prescriptive and obsolete requirements from the United States Code. Codifying the existence and structure of certain offices may unnecessarily restrict the Secretary of Defense's ability to modify the Department's organizational structure to improve efficiency and effectiveness in a way that is consistent with the reforms to the organization of the Office of the Secretary of Defense as required by section 901 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328). Repeal of these statutory requirements would not directly abolish the affected positions, but would allow the Secretary to restructure those positions should such action be warranted. Removing statutory mandates would enhance the Secretary's authority and ability to craft an agile acquisition organization.

Section 812—Repeal of Certain Defense Acquisition Laws

This section would repeal a number of outdated provisions of law related to defense acquisition, including sections of title 10, United States Code, and provisions that appear in the United States Code as legislative "note" sections under various provisions of title 10. These out-of-date provisions either required the Department of Defense to issue regulations, have now expired by their own terms, or are otherwise obsolete.

The committee notes that, with respect to repeal of a statutory requirement for issuance of a regulation, it is not expressing a view on the merits of the policies covered by the regulation. Rather, in repealing the statutory requirement for a regulation, this section would allow the Secretary of Defense to revise the regulation as circumstances warrant. Repealing the statutory requirement would allow the Secretary to revise or rescind the regulation, but would not prescribe it. The decision to retain, or not retain, the regulation would remain with the Secretary.

Section 813—Repeal of Certain Department of Defense Reporting Requirements

This section would repeal certain Department of Defense recurring reporting requirements. The committee notes that excessive reporting requirements can impose costs on the Department of Defense that outweigh the intended benefits of each individual report, and can potentially impede the Department's ability to

effectively direct resources to core objectives. In the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328), Congress initially directed a large group of recurring reporting requirements to sunset on December 31, 2021. This section continues to advance this streamlining effort.

SUBTITLE B—AMENDMENTS TO GENERAL CONTRACTING AUTHORITIES, PROCEDURES, AND LIMITATIONS

Section 821—Contract Goal for the AbilityOne Program

This section would amend section 2323a of title 10, United States Code, to create a contract goal for the AbilityOne program of 1.5 percent. This section would also require the Secretary of Defense to submit an annual report to the U.S. AbilityOne Commission on progress made toward achieving said contract goal.

The committee intends to establish greater transparency for this program's execution.

Section 822—Increased Micro-Purchase Threshold Applicable to Department of Defense Procurements

This section would amend section 2338 of title 10, United States Code, by raising the micro-purchase threshold for the Department of Defense from \$5,000 to \$10,000.

Section 823—Preference for Offerors Employing Veterans

This section would amend chapter 137 of title 10, United States Code, by adding a new section that would authorize the head of an agency, in awarding a contract for the procurement of goods and services for the Department of Defense, to establish a preference for offerors that employ veterans on a full-time basis, with criteria for use of such preference determined by the Secretary of Defense. Prior to establishing such preference, the Secretary of Defense would be required to provide a briefing to the House Committee on Armed Services on the process for assessing and verifying offeror compliance with regulations relating to equal opportunity for veterans requirements, and an implementation plan that includes penalties for an offeror that willfully and intentionally misrepresents the veteran status of employees.

The committee notes the importance of ensuring and expanding economic opportunity for veterans, and the role of the Department in this endeavor. The committee further notes that the Department uses existing programs that maximize contracting opportunities for veteran-owned businesses and believes procurement policy should also encourage the employment of veterans through development of a preference that rewards the employment of veterans by companies. The committee also notes the importance of establishing effective compliance mechanisms as part of any such preference to ensure that the service of

veterans is not abused as a result of willful misrepresentation of their status by offerors.

Section 824—Revision of Requirement to Submit Information on Services Contracts to Congress

This section would amend section 2329(b) of title 10, United States Code, to change from October 1, 2022, to October 1, 2020, the effective date for the Secretary of Defense's submission to Congress of information on services contracts that clearly and separately identifies the amount requested for each category of services to be procured for each Defense Agency, Department of Defense Field Activity, command, or military installation. This section would also add the requirement that such information should be included in the Future Years Defense Program submitted to Congress under section 221 of this title.

The committee notes the Department of Defense's recent decision to proceed with an initiative to budget services acquisitions over the course of the full Future Years Defense Program and to develop an implementation plan that leverages existing tools that can be employed to improve planning for acquisition of services. The committee notes that the Department's approach harmonizes well with the committee's reform efforts enacted in the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115-91) concerning enterprise data standardization and transparency. The committee further notes that the Department's decision obviates the need for, and expenditure on, the independent analysis on this matter performed by a federally funded research and development center or other organization that was included in the conference report (H. Rept. 115-404) accompanying the National Defense Authorization Act for Fiscal Year 2018.

The committee directs the Secretary of Defense to provide a briefing to the House Committee on Armed Services by December 1, 2018, on the development of this implementation plan and milestones leading to implementation of this initiative not later than October 1, 2020.

Section 825—Competition Requirements for Purchases from Federal Prison Industries

This section would amend section 2410n of title 10, United States Code, by removing "for which Federal Prison Industries does not have a significant market share".

This section would create a requirement for conducting market research before purchasing a product listed in the Federal Prison Industries (FPI) catalog. This section would require the Department of Defense to:

(1) conduct market research to determine if the product is comparable to products in the private sector and meets the Department's needs (price, quality, or time of delivery) prior to purchasing a product from FPI.

(2) use competitive procedures or purchase under a multiple award contract if the product is not comparable and does not meet the Department's needs.

Section 826—Requirement for a Fair and Reasonable Price for Technical Data Before Development or Production of Major Weapon Systems

This section would provide the Department of Defense with additional flexibility on negotiations for appropriate technical data.

Section 827—Revisions in Authority Relating to Program Cost Targets and Fielding Targets for Major Defense Acquisition Programs

This section would amend sections 2448a, 2366a, and 2366b of title 10, United States Code, to allow the Secretaries of the military departments, or, in instances where an alternate milestone decision authority for a program has been designated under section 2430(d)(2) of title 10, United States Code, the Secretary of Defense, to establish program cost, fielding, and performance goals in planning major defense acquisition programs. This section would also allow for the delegation of these responsibilities beyond the Deputy Secretary of Defense.

The committee notes that while section 825 of the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114-92) amended section 2430 of title 10, United States Code, by changing the designation of the milestone decision authority for major defense acquisition programs to be, with some exceptions, the service acquisition executive of the military department that is managing the program, this change has not been reflected elsewhere in this title. As a result, certain statutory responsibilities remain with the Secretary of Defense when they should more appropriately be performed by the Secretaries of the military departments. This section addresses this discrepancy as it pertains to establishing program cost, fielding, and performance goals in planning major defense acquisition programs, as well as associated reporting to Congress that coincides with the granting of Milestone A and Milestone B approval.

Section 828—Revision of Timeline for Use of the Rapid Fielding Pathway for Acquisition Programs

This section would amend section 804(b)(2) of the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114-92) to change part of the objective of an acquisition program under the rapid fielding pathway from completing fielding within 5 years, to completing low-rate initial production within 5 years.

The committee notes that requiring completion of fielding within 5 years may unnecessarily limit the applicability of this pathway for incremental upgrade programs.

Section 829—Clarification of Services Contracting Definitions

This section would direct the Secretary of Defense, not later than 180 days after the date of the enactment of this Act, to 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 and nonpersonal services contracts, and the responsibilities of individuals in the acquisition workforce with respect to such contracts.

The committee notes that definitions for terms related to contracted services are found in statute, regulation, and elsewhere in the Department of Defense's contracted services lexicon. The committee expects the Department to clearly delineate in one place the definitions of and relationships between terms related to contracted services, including associated supervisory responsibilities.

SUBTITLE C—PROVISIONS RELATING TO COMMERCIAL ITEMS

Section 831—Revision of Definition of Commercial Item for Purposes of Federal Acquisition Statutes

This section would clarify the definition of commercial items. Specifically, it would clarify commercial items as commercial products or commercial services.

The committee notes the current definition of commercial items throughout the United States Code is inconsistent, with 40 disparate definitions of commercial items. Additionally, commercial item definitions do not appropriately take into account the differences between products and services. The separation of the definition of commercial items into commercial products and commercial services would simplify and streamline procurement. Consistency in application of definitions would assist the acquisition workforce as well as businesses seeking to participate in the defense sector.

Section 832—Definition of Subcontract

This section would create a precise definition for "subcontract" in title 41, United States Code, and incorporates this revised definition in title 10, United States Code.

The committee notes there are multiple definitions of subcontract and establishing a single definition for a subcontract would provide clarification, simplicity, and consistency for defense procurement actions.

Section 833—Limitation on Applicability to Department of Defense Commercial Contracts of Certain Provisions of Law and Certain Executive Orders and Regulations

This section would update section 2375, section 2533a, and section 2533b of title 10, United States Code, with the clarified definition of commercial products and commercial services. This section would also establish a new section 2375a to limit applicability of certain Executive orders and regulations.

The committee expects that these revisions would remove current obstacles from commercial transactions between the Department of Defense and commercial suppliers, and improve access to the best commercial goods and services.

Section 834—Modifications to Procurement through Commercial E-Commerce Portals

This section would amend section 846 of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115-91) to allow the Administrator of the General Services Administration to develop procedures for procurement through a commercial e-commerce portal. The procedures must satisfy the requirements for competitive procedures outlined in title 41, United States Code. Additionally, this section would require these procedures to be submitted to the congressional defense committees 30 days prior to implementation.

This section would also amend titles 10 and 41, United States Code, by increasing the micro-purchase threshold for procurement through a commercial e-commerce portal from \$10,000 to \$25,000.

The committee notes that Public Law 115-91 authorized the Office of Management and Budget to develop a program managed by the General Services Administration to procure commercial products through e-commerce portals. The committee expects the commercial e-commerce portals would simplify and streamline the defense acquisition process as well as provide better transparency.

SUBTITLE D—INDUSTRIAL BASE MATTERS

Section 842—Removal of National Interest Determination Requirements for Certain Entities

This section would streamline the National Industrial Security Program by removing the regulatory requirements relating to National Interest Determinations (NIDs). It would build on section 1712 of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115-91), which required a review of whether certain companies “should be exempted from one or more of the foreign ownership, control, or influence [FOCI] requirements of the National Industrial Security Program.” This section would address NIDs as a particularly urgent problem within that set of FOCI requirements authorized for exemption. It would also authorize the Secretary of Defense to accelerate implementation of this policy for contracting entities that have already demonstrated a longstanding commitment to industrial security and have previously been approved for access to proscribed information.

The committee is concerned that, especially with regard to entities from allied countries (United States, the United Kingdom of Great Britain and Northern Ireland, the Commonwealth of Australia, and Canada) that comprise the national technology and industrial base (NTIB), the NID process creates substantial burdens without meaningfully enhancing the government’s national security interests. It also causes the misallocation of scarce industrial security oversight resources.

Under current practice, but not pursuant to any statutory mandate, NIDs are required for entities operating under a "special security agreement" (SSA) to access proscribed categories of classified information. The committee is aware that certain agencies can take between 6 and 10 months to process NID requests, even for SSA-mitigated companies from NTIB countries that have a longstanding history of industrial security performance in the United States and are critical players in our nation's defense industrial base. These delays and associated burdens have restricted competition and innovation by excluding qualified and responsible U.S.-based companies that operate under SSAs.

Section 843—Pilot Program to Test Machine-Vision Technologies to Determine the Authenticity and Security of Microelectronic Parts in Weapon Systems

This section would require the Under Secretary of Defense for Research and Engineering, in coordination with the Defense Microelectronics Activity, to establish a pilot program to test the feasibility and reliability of using machine-vision technologies to determine the authenticity and security of microelectronics parts in weapon systems.

The committee supports the Department of Defense's comprehensive counterfeit material prevention strategy, which is a risk-based approach that includes collaboration with industry to reduce counterfeit parts in the supply chain. The committee notes that since it first highlighted this issue in 2012, the Department has made significant improvements and standardized the processes for assuring acquisition of authentic and conforming material. However, remaining ahead of emerging security threats in this area remains a challenge.

The committee believes that utilization of innovative software applications may provide opportunities to cost-effectively add capabilities and improve operations by addressing gaps from third-party providers, including receiving and inspection requirements for non-franchised parts.

Specifically, the committee is aware of new technologies based on personalization and anti-counterfeiting software that, combined with optical and digital authentication methods, are effectively being used to meet high-security inventory demands in commercial industry. Such technologies include machine-vision technologies that have the ability to identify and authenticate objects without adding additional hardware to the object such as radio frequency identification chips, bar codes, quick response codes, or serial numbers. These technologies provide identification of counterfeit goods by using authentication methods that are strongly resistant to replication and tampering; can be applied to a variety of substrates such as plastic and metal; can be encoded and/or embedded onto substrates; and can be easily authenticated optically and digitally using decoder devices and applications on mobile devices. The committee understands that such technologies may provide data analytics capability as well. As a result, the committee believes a pilot program of the appropriate scope is the best way for the Department to evaluate and understand the potential of this new technology.

SUBTITLE E—SMALL BUSINESS MATTERS

Section 851—Department of Defense Small Business Strategy

This section would require the Department of Defense to develop and implement a small business strategy to better leverage small businesses as a means to enhance or support mission execution. This section specifies that such a strategy should include plans to integrate small businesses into a holistic view of industry; to realign the Department's small business programs with agency mission under a unified management structure; and to clarify points of entry into the defense market.

The committee expects that this unified strategy would create expanded small business engagement in the defense sector by increasing entry points for non-traditional and innovative companies.

Section 852—Increased Participation in the Small Business Administration Microloan Program

This section would amend section 636(m)(3)(C) of title 15, United States Code, by increasing the total limit on outstanding loans from \$5.0 million to \$6.0 million.

This section would also amend section 636(m)(4)(E), which establishes the "25/75 Rule." Currently, the 25/75 Rule prohibits a microloan intermediary from using more than 25 percent of the technical assistance grants they receive from the Small Business Administration (SBA) to provide pre-loan assistance to small business borrowers and third-party contracts. This section would amend the ratio from 25/75 to 50/50.

This section would also require the Administrator of SBA to submit a report to the Committee on Small Business of the House of Representatives and the Committee on Small Business and Entrepreneurship of the Senate, not later than 1 year after the date of the enactment of this Act, on why the program often has low participation rates among microlenders. The report shall gather a representative sample of eligible entities that participate in the program and those that do not, along with the reasons why entities do not partake, and offer recommendations on modifications that would increase participation.

Finally, this section would require the Comptroller General of the United States to submit a report to the Committee on Small Business of the House of Representatives and the Committee on Small Business and Entrepreneurship of the Senate, not later than 1 year after the date of the enactment of this Act, evaluating SBA oversight of the microloan program and the specific processes SBA uses to ensure compliance and track performance.

Section 854—Amendments to the Small Business Investment Act of 1958

This section would amend the Small Business Investment Act of 1958 (15 U.S.C. 682(b)) by increasing the Individual Leverage Limit from \$150.0 million to \$175.0 million and by increasing the total amount of capital and surplus that a financial institution and Federal savings association can invest in a small business investment company from 5 percent to 15 percent.

Section 856—Funding for Procurement Technical Assistance Program

This section would amend section 2413(b) of title 10, United States Code, to provide Procurement Technical Assistance Centers (PTACs) the resources necessary to conduct greater outreach and provide expanded support to small businesses. Division D of this Act would increase the topline budget for the Procurement Technical Assistance Program to \$50.0 million.

This section would increase the funding caps for PTACs operating on statewide, less than statewide, and eligible tribal locations. This section would also adjust the percentage of Federal funding for PTACs to 75 percent from 65 percent, and would adjust the community contribution to 25 percent from 35 percent.

SUBTITLE F—OTHER MATTERS

Section 861—Removal of Requirement for Risk and Sensitivity Analysis of Baseline Estimates in Selected Acquisition Reports

This section would amend section 2432(c)(1)(B) of title 10, United States Code, by removing the requirement for risk and sensitivity analysis to be included with baseline estimates in selected acquisition reports.

The committee notes that risk and sensitivity analyses help in understanding the effects of changing variables on cost estimates. However, this language has been interpreted as requiring analysis of the sensitivity of the information in selected acquisition reports, resulting in unwarranted barriers to dissemination.

Section 862—Expedited Hiring Authority for Shortage Category Positions in the Acquisition Workforce

This section would expand and extend direct-hire authority for acquisition professionals, which permits an agency to appoint candidates to positions for which there is either a severe shortage of candidates or a critical hiring need. Section 1413 of the National Defense Authorization Act for Fiscal Year 2004 (Public Law 108-136) authorized agency heads to determine, under regulations prescribed by the Office of Personnel Management (OPM), that certain Federal acquisition positions are shortage category positions in order to use direct-hire authorities. This section would extend the expiration date on those direct-hire authorities from September 30, 2017, to September 30, 2021. Additionally, this section would add the General Schedule Realty series (GS-1170) to the description of acquisition workforce found

in section 1703 of title 41, United States Code, thereby including GS-1170 positions under the direct-hire authority extension established in this section.

The committee notes that the government depends on skilled acquisition and program personnel to understand complex market dynamics, develop clear requirements, negotiate in the best interest of the taxpayer, and hold contractors to high performance standards. The expediency that direct-hire authority allows can be helpful to an agency both in meeting critical initiatives that may require particular expertise, such as to support information technology modernization, cybersecurity efforts, and real property acquisition and disposal, as well as supporting the Federal Government as it plans and executes on its agency and regulatory reform activities.

Section 863—Repeal of Certain Determinations Required for Grants of Exceptions to Cost or Pricing Data Certification Requirements and Waivers of Cost Accounting Standards

This section would repeal section 817(b)(1) of the Bob Stump National Defense Authorization Act for Fiscal Year 2003 (Public Law 107-314) regarding certain determinations required for grants of exceptions to cost or pricing data certification requirements and waivers of cost accounting standards.

The committee notes that section 817(b) of Public Law 107-314 provides that a grant of an exception or waiver is appropriate only upon a determination that the property or services cannot reasonably be obtained under the contract, subcontract, or modification, as the case may be, without the grant of the exception or waiver, in addition to two other determinations. The committee believes that this requirement could unnecessarily limit the granting of exceptions or waivers in those instances in which, while cost and pricing data could be obtained, it would add little value and delay contract negotiations. For example, on a long-running production program, determination of a fair and reasonable price may be both possible and more efficiently performed without submission of certified cost and pricing data, and therefore meet two of the three conditions for grant of an exception or waiver. However, because the contractor is willing and able to provide such data, the condition at section 817(b)(1) would not be met and the exception or waiver could not be granted.

The committee believes that increasing the flexibility with which exceptions or waivers can be granted will help streamline the acquisition process. The committee expects the Secretary of Defense to promptly revise the Defense Federal Acquisition Regulation Supplement to reflect this repeal.

Section 864—Reporting on Projects Performed through Transactions Other Than Contracts, Cooperative Agreements, and Grants

This section would direct the Secretary of Defense to submit to the congressional defense committees, not later than December 31 of each year through 2021, a report on the Department of Defense's use of transactions other than

contracts, cooperative agreements, and grants, known as other transaction authority, to perform projects. The report would include, for transactions that provide for payments in a total amount in excess of \$5.0 million, information including the entities entering into the transaction, the amount of payment provided for, project goals and status, and key dates. The report would also address mechanisms established to regulate use of this authority, including policies, guidance, and reporting requirements.

The committee remains committed to providing the Department of Defense the needed flexibility to acquire advanced capabilities through streamlined and expedited processes. The committee recognizes that other transaction authority has been an effective tool for research and development, particularly for execution of science, technology, and prototyping programs. It provides needed flexibility in terms of adherence to select Federal acquisition regulations. While the benefits of this flexibility are clear, the committee believes that it is still necessary to exercise effective oversight both to understand the ways in which the Department is properly leveraging the use of this authority and to prevent its abuse or misuse. The committee does not intend for this reporting requirement to cause the Department to seek additional approval for use of other transaction authority, beyond the congressional notification requirement already established in statute. Rather, it is designed to facilitate regular and consistent updates on use of this authority across the Department in order to facilitate proper assessment of effectiveness and success. The \$5.0 million threshold for reporting is consistent with the amount established in statute for inclusion of a clause that provides for the Comptroller General of the United States to examine the records of any party to an agreement entered into using other transaction authority.

Section 865—Standardization of Formatting and Public Accessibility of Department of Defense Reports to Congress

This section would direct the Secretary of Defense to provide a briefing not later than March 1, 2019, to the House Committee on Armed Services on a plan for implementing, not later than March 1, 2020, standardization of the formatting and public accessibility of unclassified Department of Defense reports required by Congress. The briefing shall address how the Department plans to ensure that reports are created in an open format that can be retrieved, downloaded, indexed, and searched by commonly used web search applications. An open format is one that is platform independent, machine readable, and made available to the public without restrictions that would impede reuse of that information. The briefing shall also address how the Department plans to provide a publicly accessible online repository of its unclassified reports to Congress required by provisions of law, including protocols for inclusion of reports which, although unclassified, may not be appropriate for public release in their entirety. The briefing shall address how the Department plans to include in the repository unclassified reports to Congress required by provisions of law issued since January 1, 2010.

Section 866—Defending United States Government Communications

This section would provide that, not later than January 1, 2021, no government agency may procure or obtain, nor extend or renew a contract to procure or obtain, nor enter into a contract with an entity that uses covered telecommunications equipment or services with any covered entity. This section would define covered telecommunications equipment or services as that:

- (1) produced by Huawei Technologies Company or ZTE Corporation (or any subsidiary or affiliate of either company);
- (2) telecommunications services provided by an entity using such equipment;
- (3) telecommunications equipment or systems that contain components that are designed, quality-tested, manufactured, or obtain post-sale technical support in a country whose nationals have been indicted for hacking the United States on behalf of or at the direction of that country's government; or
- (4) telecommunications equipment or services produced or provided by an entity that the head of an agency believes to be owned or controlled by, or otherwise connected to, the Government of the People's Republic of China.

This section would require the head of an agency to submit to the specified committees a plan to phase in the prohibition in this section, including with respect to the "white label" problem.

This section would also permit the head of an agency to provide an additional 2-year waiver if he determines it is appropriate to allow an entity to terminate its use of covered telecommunications equipment and he can demonstrate certain other conditions have been met.

In an April 12, 2018, House Committee on Armed Services hearing, the Secretary of Defense stated with respect to information and communications technology produced by companies linked to the People's Republic of China, namely Huawei and ZTE, that he does "not think that's wise" for the Department to allow equipment manufactured and maintained by those companies to be a part of its supply chain.

The committee is also aware that the Federal Communications Commission in an April 17, 2018, meeting voted unanimously to approve a proposed rule that would deny Universal Service Fund support to purchase equipment or services from companies posing a national security threat to the integrity of communications networks or the communications supply chain. The commission specifically cited the risks posed by Huawei and ZTE in the notice of proposed rulemaking.

TITLE IX—DEPARTMENT OF DEFENSE ORGANIZATION AND MANAGEMENT

LEGISLATIVE PROVISIONS

SUBTITLE A—ORGANIZATION AND MANAGEMENT OF THE DEPARTMENT OF DEFENSE
GENERALLY

Section 902—Roles of the Under Secretary of Defense for Policy and Under
Secretary of Defense for Intelligence

This section would amend section 134 of title 10, United States Code, with respect to the authorities of the Under Secretary of Defense for Policy. It would amend the Under Secretary's responsibility for supervising and directing the activities of the Department with respect to export controls, to focus on policy making within the Department as it pertains to export controls.

This section would add a new authority to those of the Under Secretary of Defense for Policy, subject to the Secretary of Defense, with respect to the development, implementation, and integration across the Department of Defense of the National Defense Strategy and other strategic policy guidance for the activities of the Department across all geographic regions and military functions and domains. It would also provide the Under Secretary with the authority, subject to the Secretary of Defense, of integrating the activities of the Department of Defense within the interagency process with respect to the National Security Strategy of the United States.

The committee notes that the Summary to the 2018 National Defense Strategy stated that "the central challenge to U.S. prosperity and security is the reemergence of long-term strategic competition by what the National Security Strategy classifies as revisionist powers." The committee asserts that it is essential that a senior civilian official be responsible for, subject to the Secretary of Defense, the Department's efforts with respect to strategic competition.

This section would also amend section 137 of title 10, United States Code, with respect to the authorities of the Under Secretary of Defense for Intelligence. The Under Secretary of Defense for Intelligence would assume the authority for supervising and directing the activities of the Department of Defense with respect to technology protection in the export controls process, other than the policy making activities that are the responsibility of the Under Secretary of Defense for Policy.

Numerous senior Department of Defense civilian and military officials have testified to the risk to U.S. military technological superiority and the committee believes that the Under Secretary of Defense for Policy and the Under Secretary of Defense for Intelligence, respectively, have specific roles in, and expertise with, protecting sensitive technologies.

SUBTITLE B—COMPREHENSIVE PENTAGON BUREAUCRACY REFORM AND REDUCTION

Section 911—Authorities and Responsibilities of the Chief Management Officer of
the Department of Defense

This section would authorize the Chief Management Officer (CMO) of the Department of Defense to carry out the elimination of agencies and activities (other

than those established by statute and other than the Department of Defense Education Activity), and to maximize efficiency across the Department with respect to civilian resource management, logistics, services contracting, and real estate management (other than with respect to the military departments). Section 132a of title 10, United States Code, would be further amended by requiring each Defense Agency and Department of Defense Field Activity to transmit their budgets to the CMO for review before submission to the Under Secretary of Defense (Comptroller). The CMO would submit a report concerning all proposed budgets to the Secretary of Defense not later than January 31 of the year preceding the budgets' fiscal year. The Secretary would submit a report by March 31 with a plan of action and proposed legislation for each budget the CMO did not certify. No Defense Agency or Department of Defense Field Activity funds, with respect to civilian resource, logistics, services contracting, and real estate management shall be obligated or expended until the CMO approves the plan; such process shall be conducted without impact to the processes carried out by the Director of National Intelligence.

The Department's Chief Management Officer would reduce or eliminate duplicative cross-enterprise functions across all Defense Agencies and Field Activities related to civilian resource, services contracting, logistics, or real estate management. Not later than March 1, 2020, the CMO would submit a plan to the congressional defense committees. The CMO would certify that the Department has achieved at least 25 percent savings of these functions within these Defense Agencies and Field Activities by January 1, 2021; the Government Accountability Office would verify and validate the CMO's certification. This would be a recurring requirement, each 5 years (beginning January 1, 2021), with the second iteration expanding the scope of the review to include the military departments.

Section 912—Authorities and Responsibilities of the Inspector General of the Department of Defense

This section would require the Department of Defense Inspector General (IG) to maximize efficiency among Department IGs with respect to any cross-enterprise IG activities. This section would require each organization or element IG to submit a budget to the Department of Defense IG for review before submission to the Under Secretary of Defense (Comptroller). The Department IG would submit a report about the budgets to the Secretary not later than January 31 of the year preceding the budget's fiscal year. The Secretary would submit a report to Congress about budgets the Department IG did not certify by March 31 each year, including a plan of action and recommended legislation. No IG funds may be obligated or expended until the Department IG certifies the IG's budget. The Department IG would submit a plan for compliance with the above not later than March 1, 2020.

The committee understands there are almost 30 different inspectors general (IGs) in the Department of Defense, including: the Department of Defense IG, the four military service IGs, the Special Inspector General for Afghanistan Reconstruction, the nine combatant commands, the Defense Media Activity, the

Defense Contract Audit Agency, the Defense Contract Management Agency, Defense Information Systems Agency, Defense Logistics Agency, Defense Security Service, and Defense Threat Reduction Agency. The committee believes this proliferation of IG offices merits oversight from a lead IG to determine if there are opportunities for elimination of waste, redundancy, and duplication.

Section 913—Transition of Certain Defense Agencies and Department of Defense Field Activities

This section would require the Secretary of Defense, acting through the Chief Management Officer (CMO), to submit a plan to the congressional defense committees not later than March 1, 2020, concerning the transfer and migration of all Defense Information Systems Agency information technology contracting and acquisition services, and senior leader communications functions, to other Department elements.

This section would require the CMO to eliminate the Washington Headquarters Service not later than January 1, 2021. The CMO would transfer any essential functions to other appropriate elements of the Office of the Secretary of Defense (OSD) and eliminate the others. The CMO would be required to submit a plan to the congressional defense committees to accomplish the above by March 1, 2020.

This section would also require the CMO to review the efficiency and effectiveness of each Defense Agency and Department of Defense Field Activity and to examine potential duplication among the agencies and activities. The CMO would be required to submit a report to the congressional defense committees on his findings not later than March 1, 2020, including any recommendations to eliminate an agency or activity or transfer some or all of its functions to another Department entity.

This section would also clarify the Secretary's authority to establish or terminate any Defense Agency or Department of Defense Field Activity, other than entities that are specifically established or terminated by act of Congress.

This section would terminate the statutory requirement for the Test Resource and Management Center, but would not otherwise require any action with respect to that agency. Repeal of this statutory requirement would not directly abolish the affected positions, but would allow the Secretary to restructure those positions should such action be warranted. Removing statutory mandates would enhance the Secretary's authority and ability to craft an agile organization.

Section 914—Actions to Increase the Efficiency and Transparency of the Defense Logistics Agency

This section would require that the Director of the Defense Logistics Agency (DLA) and the Chief Management Officer (CMO) jointly implement a comprehensive system not later than January 1, 2021, that enables customers to

view items and materials available to customers, the delivery status of items and materials in transit, and predictive analytics designed to improve the system's efficiency.

This section would also require the Director of DLA and the CMO to jointly reduce charged rates by at least 10 percent, eliminate duplication of services, and establish specific goals and metrics to ensure the agency is fulfilling its mission by January 1, 2021.

This section would also require the Director of DLA and the CMO to jointly submit a plan to accomplish the above to the congressional defense committees by March 1, 2020.

Section 915—Review of Functions of Defense Contract Audit Agency and Defense Contract Management Agency

This section would direct the Under Secretary of Defense for Acquisition and Sustainment and the Under Secretary of Defense (Comptroller) to conduct a joint review of the Defense Contract Auditing Agency and Defense Contract Management Agency to validate their missions and functions and determine if any of their functions could be more appropriately performed by the other Agency, any other organization within the Department of Defense, or commercial providers. This review would also validate the continued need for two separate Agencies with oversight for defense contracting. The Secretary of Defense shall submit, not later than March 1, 2020, a report to the congressional defense committees that includes the results of this review.

Section 916—Streamlining of Defense Finance and Accounting Services

This section would require that, not later than January 1, 2021, the Chief Management Officer (CMO) and the Under Secretary of Defense (Comptroller) shall jointly carry out activities to make the Defense Finance and Accounting Services more efficient and effective.

This section would further require that, not later than March 1, 2020, the CMO and Comptroller shall jointly submit a plan for carrying out such activities to the congressional defense committees.

Section 917—Reduction in Number of Chief Information Officers in the Senior Executive Service

This section would require that, starting in calendar year 2021, there may not be more than five "Chief Information Officers" in the Department of Defense.

The committee understands that there are at least 60 Senior Executive Service grade positions in the Department of Defense with the position of "Chief Information Officer".

The committee is concerned that this number of senior personnel with this same responsibility injects duplication, redundancy, and slows the Department's

ability to swiftly react to the requirements of the Department in terms of information technology and responding to the cyber domain of warfare.

Section 918—General Provisions

This section would provide authority for the Secretary of Defense and the Chief Management Officer of the Department of Defense to consolidate certain reporting requirements established in this Act.

This section would also define certain terms used in this Act and make certain conforming changes in title 10, United States Code.

SUBTITLE C—OTHER MATTERS

Section 922—Limitation on Transfer of the Chemical, Biological, and Radiological Defense Division of the Navy

This section would require the Secretary of the Navy to provide a report to the congressional defense committees on the timeline, costs, risks, and benefits of transferring the Chemical, Biological, and Radiological Defense Division, Dahlgren, Virginia, to another location. The report would be required not later than 90 days after the date of the enactment of this Act. This section would further prohibit the Secretary of the Navy from transferring or preparing to transfer the Chemical, Biological, and Radiological Defense Division to another location until 45 days after submission of the report.

TITLE X—GENERAL PROVISIONS

LEGISLATIVE PROVISIONS

SUBTITLE A—FINANCIAL MATTERS

Section 1001—General Transfer Authority

This section would allow the Secretary of Defense, with certain limitations, to make transfers between amounts authorized for fiscal year 2019 in division A of this Act. This section would limit the total amount transferred under this authority to \$5.0 billion. This section would also require prompt notification to Congress of each transfer made.

Section 1002—Authority to Transfer Funds to Director of National Intelligence for CAPNET

This section would authorize the Secretary of Defense, consistent with the authority provided in section 1001 of this Act, to transfer an amount that does not

exceed \$2.0 million to the Director of National Intelligence (DNI) to provide support for the operation of the CAPNET network.

The committee notes its belief that, per established procedures, the Department of Defense currently has the authority to provide support to the DNI for the operation of CAPNET.

SUBTITLE B—COUNTERDRUG ACTIVITIES

Section 1011—Department of Defense Support for Combating Opioid Trafficking and Abuse

This section would express the sense of Congress regarding the nationwide opioid epidemic affecting millions of U.S. citizens. The section would also increase, by \$20.0 million, Department of Defense National Guard counterdrug programs to support the Federal Government's efforts to combat the opioid crisis.

SUBTITLE D—COUNTERTERRORISM

Section 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

This section would prohibit the use of any amounts authorized to be appropriated or otherwise made available for the Department of Defense during the period beginning on the date of the enactment of this Act and ending on December 31, 2019, to transfer or release detainees at U.S. Naval Station, Guantanamo Bay, Cuba, to or within the United States, its territories, or possessions.

Section 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

This section would prohibit the use of any amounts authorized to be appropriated or otherwise made available for the Department of Defense 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 detainee transferred from U.S. Naval Station, Guantanamo Bay, Cuba, for the purposes of detention or imprisonment in the custody or under the effective control of the Department of Defense.

Section 1034—Prohibition on Use of Funds for Transfer or Release of Individuals Detained at United States Naval Station, Guantanamo Bay, Cuba, to Certain Countries

This section would prohibit the use of any amounts authorized to be appropriated or otherwise made available for the Department of Defense 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 at U.S. Naval Station, Guantanamo Bay, Cuba, to Libya, the Federal Republic of Somalia, the Syrian Arab Republic, or the Republic of Yemen.

SUBTITLE E—MISCELLANEOUS AUTHORITIES AND LIMITATIONS

Section 1041—Notification on the Provision of Defense Sensitive Support

This section would modify the current Defense Sensitive Support congressional notification procedures, to include a Secretary of Defense determination that the requesting Federal department has reasonably attempted to satisfy the requirement using internal resources, and that the Department of Defense is the most appropriate Federal agency or department to satisfy the request for support. This section would also add a congressional notification requirement for Department of Defense requests for Reverse Defense Sensitive Support from other Federal departments or agencies.

Section 1042—Coordinating United States Response to Malign Foreign Influence Operations and Campaigns

This section would amend section 101 of the National Security Act of 1947 (50 U.S.C. 3021) to explicitly task the National Security Council (NSC) to coordinate the full U.S. Government response to malign foreign influence operations and campaigns, particularly those that are cyber-enabled. This section would define "malign foreign influence operations and campaigns," and would request the President to task an NSC official with combating it, and further requires the President to submit a report to the designated congressional committees not later than 9 months after the date of the enactment of this Act on the whole-of-government strategy for combating malign foreign influence operations.

Section 1043—Mitigation of Operational Risks Posed to Certain Military Aircraft by Automatic Dependent Surveillance-Broadcast Equipment

This section would enable the Secretary of Defense to mitigate the operational risk posed to certain military aircraft by the the Federal Aviation Administration (FAA) next-generation airspace control mandate that takes effect on January, 1 2020, by accommodating certain fighter, bomber, and other sensitive mission aircraft until the Department of Defense and FAA agree on one or more solutions to address Automatic Dependent Surveillance-Broadcast Out security risks or incorporate mitigation for security risks into a memorandum of agreement.

The committee notes that the Department is working to meet the FAA mandate for its aircraft and supports its efforts to procure equipment and carry out modifications for its accommodated fighter, bomber, and special mission aircraft.

SUBTITLE F—STUDIES AND REPORTS

Section 1052—Report on Joint Enterprise Defense Infrastructure

This section would prohibit certain funds authorized to be appropriated by this Act from being obligated or expended for the Joint Enterprise Defense Infrastructure until the Secretary of Defense provides a report to the congressional defense committees on the Joint Enterprise Defense Infrastructure.

Section 1055—Munitions Assessments and Future-Years Defense Program Requirements

This section would require the Under Secretary of Defense for Acquisition and Sustainment to provide all relevant documents related to the Department of Defense's munitions requirements process, as well as provide the planned funding and munitions requirements required for fiscal year 2020 and across the Future Years Defense Program for munitions across all military services and the Missile Defense Agency. This section would also require the Under Secretary to evaluate and identify supply chain risks, including qualified supplier shortages or single source supplier vulnerabilities for munitions production. The committee notes that munitions are defined as a complete device charged with explosives; propellants; pyrotechnics; initiating composition; or chemical, biological, radiological, or nuclear material for use in operations including demolitions, to include conventional ammunition.

Section 1056—Report on Establishment of Army Futures Command

This section would require the Secretary of the Army to provide a report to the congressional defense committees on the Army's plan for the establishment of Army Futures Command, to include a description of the authorities, mission, and organizational structure. This section does not prohibit the Secretary of the Army from proceeding forward with any current internal organizational changes in accordance with existing authorities related to the establishment of the Army Futures Command.

Section 1057—Assessment of Department of Defense Electromagnetic Spectrum Warfare Enterprise

This section would require the Secretary of Defense, in consultation with the Chairman of the Joint Chiefs of Staff (CJCS), to develop an implementation plan to conduct joint campaign modeling and wargaming for joint electromagnetic

spectrum operations (JEMSO) of the Department of Defense, and to submit that plan in the form of a report by February 18, 2019, to the congressional defense committees. This section would also require the Secretary and CJCS to provide various briefing presentations to the House Committee on Armed Services, not later than February 25, 2019, on essential topics and functions of the Department's JEMSO enterprise.

The committee is concerned that since the electronic warfare (EW) strategy document was released by the Department's Electronic Warfare Executive Committee in June 2017, subsequent efforts to strengthen, modernize, and create synergy of effort across the Department related to the JEMSO enterprise may have stagnated within the military services, the Office of the Secretary of Defense, and the Office of the Chairman of the Joint Chiefs of Staff. The committee seeks to gain a greater understanding of current JEMSO efforts since release of the EW strategy document, and the committee encourages those officials overseeing the JEMSO enterprise to reinvigorate efforts towards achieving the goals and objectives described in the EW strategy.

SUBTITLE G—OTHER MATTERS

Section 1061—Technical, Conforming, and Clerical Amendments

This section would make a number of technical, conforming, and clerical amendments of a non-substantive nature to existing law.

Section 1063—Federal Charter for Spirit of America

This section would designate Spirit of America, a nonprofit organization, as a federally chartered corporation.

Section 1064—Transfer of Aircraft to Other Departments

This section would amend section 1098 of the National Defense Authorization Act for Fiscal Year 2014 (Public Law 113-66) to relieve the United States Air Force (USAF) from the mandate to modify United States Coast Guard (USCG) HC-130H aircraft with designated capabilities for use by the United States Forest Service (USFS).

The committee notes that officials from the USFS, USCG, and USAF notified the committee, and relevant other House of Representatives and Senate committees of jurisdiction, that a recently completed USFS cost-benefit analysis demonstrated it is more cost-effective, and provides greater firefighting capacity and responsiveness, to utilize contract service provided capability instead of owning and operating year-round a small, organic fleet of modified HC-130H aircraft.

Section 1066—Recognition of America's Veterans

This section would honor America’s veterans, including those who have not yet been appropriately recognized for their service to the Nation, by authorizing the Secretary of Defense to carry out a parade in their honor. The Secretary would be authorized to expend funds authorized to be appropriated under this Act 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.

The committee believes that, as America approaches the 100th anniversary of the 1918 Armistice ending World War I, it is appropriate to honor a century of military service by the men and women who have sacrificed to secure America’s freedom. The committee further believes that the world they made through their sacrifices is increasingly under threat from competitors like the Russian Federation and the People’s Republic of China. The committee is concerned that far too many veterans, including veterans of the conflicts in Korea, Vietnam, Iraq, and Afghanistan, have been denied the public display of gratitude their service deserves and therefore the committee believes now is the right time to celebrate a century of patriotic sacrifice and service.

TITLE XI—CIVILIAN PERSONNEL MATTERS

LEGISLATIVE PROVISIONS

Section 1101—Direct Hire Authority for the Department of Defense for Certain Competitive Service Positions

This section would amend chapter 99 of title 5, United States Code, by adding a new section that would provide the Secretary of Defense authority to expedite hiring of civilian personnel into positions involving maintenance, depot maintenance, cybersecurity, acquisition, and science, technology, and engineering. This authority would expire on September 30, 2025.

Section 1102—Modification of Direct Hire Authority for the Department of Defense for Post-Secondary Students and Recent Graduates

This section would amend chapter 99 of title 5, United States Code, by adding a new section that would authorize the Secretary of Defense to recruit and hire recent graduates into competitive positions in the Department of Defense through September 30, 2025. This section would also repeal the more limited authority provided by section 1106 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328).

Section 1106—Extension of Authority to Conduct Telework Travel Expenses Test Programs

This section would amend section 5711 of title 5, United States Code, to extend the authority of the Administrator of the General Services Administration to conduct a test telework program until December 31, 2020.

Section 1107—Personnel Demonstration Projects

This section would amend section 4703 of title 5, United States Code, to deem that demonstration projects conducted under this authority lasting more than 10 years shall not count against the limit of 10 such projects ongoing at any time.

Section 1108—Expanded Flexibility in Selecting Candidates from Referral Lists

This section would amend subchapter I of chapter 33 of title 5, United States Code, to provide Federal agencies flexibility in setting the minimum number of candidates who must be considered on a referral list for each vacancy by amending sections 3317, 3318, and 3319 of such title.

Section 1109—Temporary and Term Appointments in the Competitive Service

This section would amend subchapter I of chapter 31 of title 5, United States Code, by adding a new section that would authorize the heads of Federal agencies to hire civilian personnel through temporary and term appointments. This section would also permit an agency head to make noncompetitive hires for up to 18 months to meet a critical need.

TITLE XII—MATTERS RELATING TO FOREIGN NATIONS

LEGISLATIVE PROVISIONS

SUBTITLE A—ASSISTANCE AND TRAINING

Section 1201—Report on the Use of Security Cooperation Authorities

This section would express the sense of Congress that the Secretary of Defense should use appropriate security cooperation authorities to counter the malign influence campaigns that are directed at allies and partners and that pose a significant threat to the United States. This section would also require the Secretary of Defense to include a report on funding for this purpose with the consolidated budget materials for security cooperation required by section 381 of title 10, United States Code, in fiscal year 2020 through fiscal year 2025.

The committee recognizes that Department of Defense programs aimed at building partner capacity, such as those authorized under section 333(a) of title 10, United States Code, have largely focused on building counterterrorism capabilities in allies and partners. However, with the security cooperation reforms contained in the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328)

and the evolving security environment, the committee urges the Department to develop capabilities with key allies and partners that will enable them to counter and mitigate the impact of malign influence campaigns by competitors or adversaries.

Section 1202—Clarification of Authority to Waive Certain Expenses for Activities of the Regional Centers for Security Studies

This section would amend section 342 of title 10, United States Code, to clarify that travel, transportation, and subsistence expenses are included among the costs of activities of the Regional Centers eligible for waiver of reimbursement.

Section 1205—Participation in and Support of the Inter-American Defense College

This section would make permanent the authority for U.S. participation in and support of the Inter-American Defense College and would transfer such authority to chapter 16 of title 10, United States Code. This section would further require that Department of Defense participation in, and host nation support of, the Inter-American Defense College shall be in accordance with a memorandum of understanding between the Department and the Inter-American Defense Board, with Secretary of State concurrence, and that such memorandum of understanding shall provide details of any cost-sharing or funding arrangements, a curriculum, and a plan for academic program development.

SUBTITLE B—MATTERS RELATING TO AFGHANISTAN AND PAKISTAN

Section 1211—Extension of Authority to Transfer Defense Articles and Provide Defense Services to the Military and Security Forces of Afghanistan

This section would extend the authority to transfer defense articles being drawn down in the Islamic Republic of Afghanistan and the authority to provide defense services regarding such transfers to the military and security forces of Afghanistan.

Section 1212—Extension of Authority for Reimbursement of Certain Coalition Nations for Support Provided to United States Military Operations

This section would extend through December 31, 2019, the authority to make Coalition Support Fund (CSF) payments under section 1233 of the National Defense Authorization Act for Fiscal Year 2008 (Public Law 110-181).

This section would also maintain the limitations enacted in section 1233 of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115-91), which provided that of the funds authorized for CSF, not more than \$700.0 million may be provided to the Islamic Republic of Pakistan, and of that amount, not more

than \$350.0 million may be provided until the Secretary of Defense certified that Pakistan is taking demonstrable steps against the Haqqani Network.

The committee notes that elsewhere in this Act, it has fully authorized the President's budget request of \$900.0 million for fiscal year 2019 for CSF payments.

SUBTITLE C—MATTERS RELATING TO SYRIA, IRAQ, AND IRAN

Section 1221—Extension and Modification of Authority to Provide Assistance to Counter the Islamic State of Iraq and Syria

This section would extend the authority to provide assistance to counter the Islamic State of Iraq and Syria. This section would also authorize a funding level of \$850.0 million for such support in Iraq.

The committee notes that some U.S.-provided equipment has inadvertently fallen into the hands of groups that operate outside of the control of the central Government of the Republic of Iraq and the Kurdish Regional Government. The committee urges the Department of Defense to evaluate its current safeguards to ensure that equipment is properly stored and maintained.

Section 1222—Extension of Authority to Provide Assistance to the Vetted Syrian Opposition

This section would extend and modify section 1209 of the Carl Levin and Howard P. “Buck” McKeon National Defense Authorization Act for Fiscal Year 2015 (Public Law 113–291) by extending the "Syria train and equip" program and the reprogramming requirement through December 31, 2019.

Further, this section would require the President to submit to the congressional defense committees a plan at least 30 days prior to an initial reprogramming request in fiscal year 2019. The plan would describe the efforts the United States will take to train and build an appropriately vetted force; the nature of the force; the current effectiveness of the force; the conditions to be met for a determination that the Islamic State in Iraq and Syria has been adequately neutralized; the roles and contributions of partner countries; the concept of operations, timelines and types of training, equipment, stipends, sustainment, supplies to be provided by the United States (including measures for accountability); and a description of force posture.

Section 1223—Extension and Modification of Authority to Support Operations and Activities of the Office of Security Cooperation in Iraq

This section would extend the authority for the Office of Security Cooperation in Iraq (OSC-I) through December 31, 2019. The committee recognizes that OSC-I will manage U.S. security cooperation with the Republic of Iraq over the long term and expects the Department of Defense to ensure, to the extent

practicable, that the Government of Iraq is able to sustain and maintain U.S.-provided equipment throughout the lifespan of such equipment.

Section 1224—Sense of Congress on Ballistic Missile Cooperation to Counter Iran

This section would express the sense of Congress that the Gulf Cooperation Council member countries should take meaningful steps to build an interoperable ballistic missile defense architecture with emphasis on information sharing, including early warning and tracking data, to defend against the Islamic Republic of Iran missile threat.

Section 1225—Strategy to Counter Destabilizing Activities of Iran

This section would authorize the Secretary of Defense, with concurrence of the Secretary of State, to develop and implement a strategy with foreign partners to counter the destabilizing activities of Iran. Under such a strategy, partners and allies would commit to collaborating with the United States on a variety of efforts, including but not limited to investing in intelligence, surveillance, and reconnaissance platforms, mine countermeasures resources, integrated air and missile defense, and cybersecurity; engaging in combined planning, defense education, and institution building; and sharing information.

Further, this section would require the Secretary of Defense, in consultation with the Secretary of State, to submit a report 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, on the strategy and the actions taken by partners and allies.

Section 1226—Report on Compliance of Iran under the Chemical Weapons Convention

This section would require the Secretary of Defense, in consultation with the Secretary of State, to submit a report to the House Committee on Armed Services and the House Committee on Foreign Affairs by February 1, 2019, assessing the extent to which Iran is complying with its obligations under the Chemical Weapons Convention.

SUBTITLE D—MATTERS RELATING TO THE RUSSIAN FEDERATION

Section 1231—Prohibition on Availability of Funds Relating to Sovereignty of the Russian Federation over Crimea

This section would extend by 1 year the prohibition imposed by section 1245 of the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114-92), as amended by section 1232 of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115-91). This section would prohibit the use of fiscal year

2019 funds to implement any activity that recognizes the sovereignty of the Russian Federation over Crimea. This section would also allow the Secretary of Defense, in concurrence with the Secretary of State, to waive the prohibition if the Secretary determines that doing so would be in the national security interest of the United States and submits a notification to the Committees on Armed Services of the Senate and the House of Representatives, the Committee on Foreign Relations of the Senate, and the Committee on Foreign Affairs of the House of Representatives.

Section 1232—Limitation on Availability of Funds Relating to Implementation of the Open Skies Treaty

The committee is aware that the Department of State's 2018 arms control compliance report, also known as the "Report on Adherence to and Compliance With Arms Control, Nonproliferation, and Disarmament Agreements and Commitments", submitted pursuant to section 2593a of title 22, United States Code, continues to find the Russian Federation in violation of numerous provisions of the Treaty on Open Skies. Consistent with prior National Defense Authorization Acts, the committee believes legislation is appropriate and required to oversee the implementation of this treaty.

This section would prohibit the use of funding authorized in this Act for fiscal year 2019 for the purposes of upgrading or modernizing certain Treaty on Open Skies systems until such time as the President (or the Secretary of State) is able to certify that the President has imposed treaty violations responses and legal countermeasures.

This section would also limit the use of funding authorized in this Act or any other Act for fiscal year 2019 for the approval or adoption of any implementing decision in the Open Skies Consultative Commission concerning approval of a request by states parties to certify infra-red or synthetic aperture radar sensors under the treaty. Such funding would be restricted until:

(1) the Secretary of Defense, jointly with the relevant U.S. Government officials, submits a certification that an implementing decision would not be harmful or detrimental to the national security of the United States, as well as a report on certain matters has been submitted to the appropriate congressional committees; and

(2) the President has certified, not later than 90 days prior to a decision taking effect, that Russia is in complete compliance with the treaty, is allowing observation flights over certain specified regions, and it has agreed to certain conditions (including the extradition of Russian citizens involved in undertaking unlawful activities against the United States incident to the 2016 Presidential election, it has withdrawn from Crimea and ceased support to Russian proxies in Eastern Ukraine, and has ceased all military and financial support for any state that uses or has used against its civilian population any agent or substance banned by the Chemical Weapons Convention).

The President would be permitted to waive the limitation subject to certain conditions.

Section 1233—Comprehensive Response to the Russian Federation's Material Breach of the INF Treaty

This section would state a series of findings concerning Russian Federation violations of the INF Treaty. This section would also state that it is the policy of the United States that Russia has defeated the object and purpose of the treaty, is in material breach of the treaty, and as a result the U.S. is legally entitled to suspend the operation of the treaty in whole or in part for so long as the Russian Federation continues to be in material breach of the treaty.

This section would additionally withhold 25 percent of the funding authorized to be appropriated by this Act for Department support to the Executive Office of the President, other than funding required for senior leader communications, until the President certifies that each requirement of section 1290 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328) has been met; that the President has notified the appropriate congressional committees of the imposition of sanctions pursuant to section 1290 of that Act; and, that 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).

The committee notes that because the requirements of section 1244(b)(2) of Public Law 115-91 have not been satisfied as of this report, the restriction on \$50.0 million in fiscal year 2018 authorized funding for the Special Mission Area of the Defense Information Systems Agency remains in place.

The committee is aware that the State Department's 2018 arms control compliance report, also known as the Report on Adherence to and Compliance With Arms Control, Nonproliferation, and Disarmament Agreements and Commitments, submitted pursuant to section 2593a of title 22, United States Code, continues to find Russia in violation of the Treaty on the Elimination of Intermediate-Range and Shorter-Range Missiles (INF Treaty), specifically the obligations not to possess, produce, or flight-test a ground-launched missile with a range capability of 500 kilometers to 5,500 kilometers. Each National Defense Authorization Act since fiscal year 2014 has included measures to pressure Russia to return to compliance with the treaty and to ensure Russia cannot obtain a military advantage by its violations of the treaty. The committee believes time is running out for Russia to take actions that will allow for the preservation of the treaty.

Section 1234—Modification and Extension of Ukraine Security Assistance Initiative

This section would extend by 2 years section 1250 of the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114-92), most recently amended by section 1234 of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115-91), to authorize the Secretary of Defense to provide security

assistance and intelligence support to the Government of Ukraine. This section would also authorize \$250.0 million to carry out this authority in fiscal year 2019.

The committee recognizes the essential role played by U.S. and partner assistance in training, advising, and equipping Ukrainian military and security forces, including the invaluable contributions of the National Guard through the State Partnership Program, and urges the Defense Department to fully resource those efforts. As part of these efforts, the committee recognizes the contributions of training activities conducted at the International Peacekeeping and Security Center in Yavoriv, Ukraine, and similar locations.

The committee commends the administration for providing defensive lethal assistance through Foreign Military Financing in the past year to the Government of Ukraine to support its efforts to protect and defend its territorial integrity. The committee urges the Department to continue to use the Ukraine Security Assistance Initiative (USAI) for assistance to the Government of Ukraine and encourages the Department to consider USAI as a source of funds for future defensive lethal assistance.

Section 1235—Statement of Policy on United States Military Investment in Europe

This section would state that it is the policy of the United States to sustain credible deterrence against aggression by the Government of the Russian Federation.

The committee notes section 1273 of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115-91) required the Secretary of Defense to submit a report to the congressional defense committees detailing a Future Years Defense Program plan for resourcing and planning for the European Deterrence Initiative. Section 1273 also prohibited any further action with respect to sites identified for divestiture, but not yet divested, as part of the European Infrastructure Consolidation (EIC) initiative until the report was submitted to the congressional defense committees.

As the section 1273 report has not been submitted in compliance with the statutory requirement, the committee believes the limitation of the divestiture of sites under the EIC is still in place.

Section 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

This section would require the President to submit a report to the specified congressional committees within 120 days after the date of enactment of the Act; the report would list such persons as are described in section 1290 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328).

This section would also require the President to submit a report to the specified congressional committees within 120 days after the date of enactment of

the Act; the report would provide information related to the supply chains for Russian arms sales programs.

The section would require the imposition of sanctions with respect to persons providing specified support to Russian industry, with a focus on targeting Russia's defense industry supply chain, involved with developing or producing major defense equipment or advanced conventional weapons. The sanctions available to the President would include, denial of sales or defense articles and services; licenses for export of an item on the United States Munitions List; or, exports controlled for national security under the Export Administration Regulations. It would also contain an enhanced sanction for governments of state-sponsors of terrorism that obtain such equipment from Russia. The President would be authorized to waive the imposition of sanctions with respect to the new sanctions provided in this section in certain specified circumstances.

This section would also amend section 231 of the Countering America's Adversaries Through Sanctions Act (Public Law 115-44), by providing an authority to suspend the imposition of sanctions under that Act for 180 day periods in the event a person demonstrates that they are directly supporting U.S. national security objectives and have taken specified steps, including terminating defense relationships with Russia, or reducing reliance upon the Russian defense or intelligence sectors.

Finally, all provisions or amendments made by this section would expire in 5 years.

Section 1237—Extension of Limitation on Military Cooperation between the United States and the Russian Federation

This section would extend for 1 year section 1232(a) of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328), as most recently amended by section 1231 of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115-91). This section would limit the use of fiscal year 2019 funds for bilateral military-to-military cooperation between the Government of the United States and the Russian Federation until the Secretary of Defense, in coordination with the Secretary of State, provides a certification to appropriate congressional committees relating to certain actions by Russia. This section would also allow the Secretary of Defense to waive the limitation under certain conditions.

SUBTITLE E—MATTERS RELATING TO THE INDO-PACIFIC REGION

Section 1241—Support for Indo-Pacific Stability Initiative

This section would express the sense of Congress in support of the Indo-Pacific Stability Initiative to increase and enhance U.S. force posture; improve military and defense infrastructure, basing, and logistics; and increase bilateral and multilateral training and exercises with allies and partner nations.

This section would require the Secretary of Defense to submit a requirement and resource plan to the congressional defense committees by March 1, 2019, that includes an analysis of the challenges faced by the United States to meet the objectives and activities outlined in the Indo-Pacific Stability Initiative and the resource requirements needed through fiscal year 2024 to address such challenges. This section also would require the Secretary to submit budget materials in support of the budget of the President for fiscal year 2020.

Section 1242—United States Strategy on China

This section would require the President to issue a strategy on the United States' whole-of-government approach to safeguard U.S. interests against Chinese industrial acquisitions, political influence, and regional and global military capabilities and presence that have defense and security implications for the United States and its allies and partners. The strategy and recommendations for implementation would be required to be submitted to the appropriate congressional committees as a written report not later than March 1, 2019.

Section 1243—Strengthening Taiwan's Force Readiness

This section would direct the Secretary of Defense to conduct a comprehensive assessment, in consultation with appropriate counterparts of Taiwan, on ways to enhance and reform Taiwan's military forces, particularly Taiwan's reserve forces. The assessment would also require the development of recommendations to strengthen bilateral cooperation and improve Taiwan's self-defense capabilities. The Secretary of Defense, in consultation with the Secretary of State, would be required to submit a report on the assessment and a list of recommendations and planned actions to the appropriate congressional committees not later than 1 year after the date of the enactment of this Act.

Section 1244—Modification, Redesignation, and Extension of Southeast Asia Maritime Security Initiative

This section would modify the Southeast Asia Maritime Security Initiative by amending the name to the Indo-Pacific Maritime Security Initiative. It would include India as a covered country and allow for the inclusion of additional countries in the Indo-Pacific region if the Secretary of Defense, in concurrence with the Secretary of State, determines and certifies to the appropriate committees of Congress that it is important for increasing maritime security and maritime domain awareness. This section would also extend the authority by 3 years from September 30, 2020, to September 30, 2023.

Section 1245—Missile Defense Exercises in the Indo-Pacific Region with United States Regional Allies and Partners

This section would express the sense of Congress that the United States should continue to develop and deploy robust missile defense in the Indo-Pacific region. This section would also express that the United States should increase coordination, conduct bilateral and multilateral missile defense exercises, and increase the capacity and integration of missile defense systems with allies and partners to move toward a more interoperable and integrated missile defense architecture.

This section would also state that the Secretary of Defense may conduct missile defense exercises in the Indo-Pacific region with U.S. regional allies and partners to improve interoperability.

Finally, this section would require the Secretary of Defense to provide a briefing to the congressional defense committees, the Committee on Foreign Relations of the Senate, and the Committee on Foreign Affairs of the House of Representatives on the matters contained in subsection (c) not later than 120 days after the date of the enactment of this Act.

Section 1246—Quadrilateral Cooperation and Exercise

This section would express the sense of Congress on supporting quadrilateral cooperation among the United States, Japan, the Commonwealth of Australia, and the Republic of India, and others as appropriate.

This section would also state that the Secretary of Defense may conduct a quadrilateral naval military exercise and it would require the Secretary to provide a briefing to the congressional defense committees, the Committee on Foreign Relations of the Senate, and the Committee on Foreign Affairs of the House of Representatives on matters contained in this section not later than 120 days after the date of the enactment of this Act.

Section 1247—Name of United States Indo-Pacific Command

This section would change the name of "United States Pacific Command" to "United States Indo-Pacific Command" beginning in January 1, 2020. This section also would make several conforming amendments pursuant to the name change.

The committee notes that changing the name from "United States Pacific Command" to "United States Indo-Pacific Command" may involve some necessary administrative expenditures. The committee believes the Department of Defense should be prudent and minimize such costs to the extent practicable.

Section 1248—Requirement for Critical Languages and Expertise in Chinese, Korean, and Russian

This section would require the Secretary of Defense to provide a plan to address shortfalls in Chinese, Korean, and Russian language and expertise across the Department of Defense. Specifically, the plan shall provide a near-term and long-term plan for how the Department is building competency in these critical

areas and the Secretary of Defense shall submit that plan to the congressional defense committees not later than 180 days after the date of the enactment of this Act.

SUBTITLE F—OTHER MATTERS

Section 1251—Report on Status of the United States Relationship with the Republic of Turkey

This section would require the Secretary of Defense, in consultation with the Secretary of State, to submit a report on the U.S.-Turkish relationship to the congressional defense committees, the Committee on Foreign Relations of the Senate and the Committee on Foreign Affairs of the House of Representatives, not later than 60 days after the date of the enactment of this Act.

This section would also prohibit any action to execute delivery of a foreign military sale for major defense equipment under section 36 of the Arms Export Control Act (22 U.S.C. 2761) to the Republic of Turkey until the required report is delivered to the specified congressional committees.

Section 1252—Sense of Congress on Unity of Gulf Cooperation Council Member Countries

This section would describe the sense of Congress that the member countries of the Gulf Cooperation Council (GCC) are important security cooperation partners of the United States, that GCC unity and cohesion is critical to facing the growing threats from the Islamic Republic of Iran, and that the timely normalization of diplomatic, security, and economic relationships is in the best interest of the United States.

Section 1253—Report on United States Government Police Training and Equipping Programs for Mexico

This section would require the President to submit a report to the congressional defense committees, the Committee on Foreign Relations of the Senate, the Committee on Homeland Security and Governmental Affairs of the Senate, and the Committee on the Judiciary of the Senate, and the Committee on Foreign Affairs of the House of Representatives, the Committee on Homeland Security of the House of Representatives, and the Committee on the Judiciary of the House of Representatives by July 1, 2019, on U.S. police training and equipping programs with the United States of Mexico.

Section 1254—Authority to Increase Engagement and Military-to-Military Cooperation with Western Balkans Countries

This section would authorize the Secretary of Defense to increase engagement and military-to-military cooperation utilizing authorized programs and activities under chapter 16 of title 10, United States Code, for the Western Balkans region including the Republic of Serbia, Bosnia and Herzegovina, the Republic of Kosovo, and the Republic of Macedonia.

The committee is concerned about long-term stability and security in the Western Balkans region. Ethnic tensions, economic challenges, and malign outside influences are contributing to the instability of the region. The committee remains concerned about the upcoming elections in Bosnia and Herzegovina. Since the signing of the Dayton Accords in 1995, Bosnia and Herzegovina has maintained growth in developing democratic institutions and elections. The committee encourages the Government of Bosnia and Herzegovina to promptly and effectively address their constitutional challenges and hold fair and free elections in October 2018.

The committee remains deeply concerned over the Russian Federation's intensifying efforts to assert its influence in the Western Balkans. The committee condemns Russia's involvement in the attempted coup against the Government of the newest member of the North Atlantic Treaty Organization (NATO), Montenegro, in October 2016. The committee is also concerned about Russian information operations in the Balkans including propaganda and efforts to highlight lingering ethnic tensions.

The committee is encouraged by the strong partnerships that continue to develop in the Western Balkans with the United States. These partnerships are vital to increase security, stability, and prosperity in the region. The committee also encourages European partners and allies to strengthen relationships in the region as well. The committee is hopeful about, and supportive of, the continued work of many in the region toward goals of integrating into the Euro-Atlantic community, including NATO and the European Union (EU). The continued forward progress by these nations toward accession into NATO and the EU provides a stable framework from which to achieve greater stability and security throughout Central Europe. The committee notes that the Department of Defense should continue to increase military-to-military cooperation and engagements in the region.

Section 1255—Technical Corrections Relating to Defense Security Cooperation Statutory Reorganization

This section would make technical corrections relating to defense security cooperation statutory reorganization.

Section 1258—Revision of Statutory References to Former NATO Support Organizations and Related NATO Agreements

This section would amend section 2350d of title 10, United States Code, to update the statutory reference to reflect a reorganization of the North Atlantic Treaty Organization (NATO) with respect to the elimination of the NATO Support

Organization and the establishment of the NATO Support and Procurement Organization. This section would also amend section 2350d to reflect that NATO supply and logistics support activities may extend to NATO operations outside of Europe.

Section 1259—Sense of the Congress Concerning Military-to-Military Dialogues

This section would state the sense of Congress regarding the parameters that lead to successful military-to-military dialogues.

TITLE XIV—OTHER AUTHORIZATIONS

LEGISLATIVE PROVISIONS

SUBTITLE A—MILITARY PROGRAMS

Section 1401—Working Capital Funds

This section would authorize appropriations for Defense Working Capital Funds at the levels identified in section 4501 of division D of this Act.

Section 1402—Chemical Agents and Munitions Destruction, Defense

This section would authorize appropriations for Chemical Agents and Munitions Destruction, Defense at the levels identified in section 4501 of division D of this Act.

Section 1403—Drug Interdiction and Counter-Drug Activities, Defense-Wide

This section would authorize appropriations for Drug Interdiction and Counter-Drug Activities, Defense-wide at the levels identified in section 4501 of division D of this Act.

Section 1404—Defense Inspector General

This section would authorize appropriations for the Office of the Inspector General at the levels identified in section 4501 of division D of this Act.

Section 1405—Defense Health Program

This section would authorize appropriations for the Defense Health Program at the levels identified in section 4501 of division D of this Act.

SUBTITLE B—OTHER MATTERS

Section 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

This section would authorize the transfer of funds from the Department of Defense to the Joint Department of Defense-Department of Veterans Affairs Medical Facility Demonstration Fund established by section 1704 of the National Defense Authorization Act for Fiscal Year 2010 (Public Law 111-84).

TITLE XV—AUTHORIZATION OF ADDITIONAL APPROPRIATIONS FOR OVERSEAS CONTINGENCY OPERATIONS

LEGISLATIVE PROVISIONS

SUBTITLE A—AUTHORIZATION OF APPROPRIATIONS

Section 1501—Purpose of Certain Authorizations of Appropriations

This section would establish the purpose of this title and make authorization of appropriations available upon enactment of this Act for the Department of Defense, in addition to amounts otherwise authorized in this Act, to provide for additional authorization of funds due to overseas contingency operations and other additional funding requirements.

Section 1502—Procurement

This section would authorize additional appropriations for procurement at the levels identified in section 4102 of division D of this Act.

Section 1503—Research, Development, Test, and Evaluation

This section would authorize additional appropriations for research, development, test, and evaluation at the levels identified in section 4202 of division D of this Act.

Section 1504—Operation and Maintenance

This section would authorize additional appropriations for operation and maintenance programs at the levels identified in section 4302 of division D of this Act.

Section 1505—Military Personnel

This section would authorize additional appropriations for military personnel at the levels identified in section 4402 of division D of this Act.

Section 1506—Working Capital Funds

This section would authorize additional appropriations for Defense Working Capital Funds at the levels identified in section 4502 of division D of this Act.

Section 1507—Drug Interdiction and Counter-Drug Activities, Defense-Wide

This section would authorize additional appropriations for Drug Interdiction and Counter-Drug Activities, Defense-Wide, at the levels identified in section 4502 of division D of this Act.

Section 1508—Defense Inspector General

This section would authorize additional appropriations for the Office of the Inspector General at the levels identified in section 4502 of division D of this Act.

Section 1509—Defense Health Program

This section would authorize additional appropriations for the Defense Health Program at the levels identified in section 4502 of division D of this Act.

SUBTITLE B—FINANCIAL MATTERS

Section 1511—Treatment as Additional Authorizations

This section would state that amounts authorized to be appropriated by this title are in addition to amounts otherwise authorized to be appropriated by this Act.

Section 1512—Special Transfer Authority

This section would authorize the transfer of up to \$4.5 billion of additional war-related funding authorizations in this title among the accounts in this title.

SUBTITLE C—LIMITATIONS, REPORTS, AND OTHER MATTERS

Section 1521—Afghanistan Security Forces Fund

This section would extend the Afghanistan Security Forces Fund through December 31, 2019. This section would also set a goal of using \$18.0 million to support, to the extent practicable, the efforts of the Government of the Islamic Republic of Afghanistan to promote the recruitment, training, and integration of

Afghan women into the Afghan National Defense and Security Forces and as security personnel for future elections.

This section would also require an assessment of the Government of Afghanistan's ability to manage, employ, and sustain equipment divested under the Afghan Security Forces Fund; if the results of said assessment are unfavorable, the Secretary of Defense, in consultation with the Secretary of State, would be authorized to withhold assistance under the Afghanistan Security Forces Fund.

Section 1522—Joint Improvised-Threat Defeat Fund

This section would amend subsections (b) and (c) of section 1514 of the John Warner National Defense Authorization Act for Fiscal Year 2007 (Public Law 109-364) to extend the use and transfer authority for the Joint Improvised-Threat Defeat Fund through fiscal year 2019. This section would also extend the authority for interdiction of improvised explosive device precursor chemicals to December 31, 2019.

This section would also direct the Secretary of Defense to submit to the Committees on Armed Services of the Senate and the House of Representatives by March 1, 2019, a plan to transition funding for the Joint Improvised-Threat Defeat Fund from Overseas Contingency Operations to the base budget.

TITLE XVI—STRATEGIC PROGRAMS, CYBER, AND INTELLIGENCE MATTERS

LEGISLATIVE PROVISIONS

SUBTITLE A—SPACE ACTIVITIES

Section 1603—Provision of Space Situational Awareness Services and Information

This section would amend section 2274 of title 10, United States Code, by terminating the authority of the Department of Defense to provide space situational awareness (SSA) data to commercial and foreign entities on January 1, 2024. This section would further require the Secretary of Defense to enter into a contract with a federally funded research and development center to assess which department or departments should assume the authorities of section 2274 of title 10. This section would also direct the Secretary of Defense to develop a plan to ensure that one or more departments may provide space situational awareness services to non-United States Government entities. Lastly, this section would direct the Secretary to submit a report to the appropriate congressional committees, as defined by this section, on such plan.

Section 1607—Limitation on Availability of Funds for Joint Space Operations Center Mission System

This section would limit obligation or expenditure of funds for the Joint Space Operations Center Mission System until the Deputy Secretary of Defense provides to the congressional defense committees a certification that the Secretary of the Air Force has contracted for services to operationalize existing best-in-breed commercial space situational awareness capabilities in order to fill existing gaps in space situational requirements.

Section 1609—Report on Protected Satellite Communications

This section would require the Secretary of Defense to submit a report to the congressional defense committees by December 31, 2018, on how specific protected satellite communications programs meet the requirements for resilience, mission assurance, and nuclear command, control, and communication missions of the Department of Defense.

SUBTITLE B—DEFENSE INTELLIGENCE AND INTELLIGENCE-RELATED ACTIVITIES

Section 1621—Role of Under Secretary of Defense for Intelligence

This section would amend section 137 of title 10, United States Code, to clarify the responsibilities of the Under Secretary of Defense for Intelligence. The committee expects the Under Secretary to coordinate the policy, plans, and programs, and provide direct oversight, of all defense intelligence elements on behalf of the Secretary of Defense.

Section 1622—Security Clearance for Dual Nationals

This section would authorize the Secretary of Defense to apply additional security reviews to dual citizens seeking positions that require access to highly classified information. The committee expects that any additional security reviews will not further exacerbate background investigation backlogs.

Section 1623—Department of Defense Counterintelligence Polygraph Program

This section would amend section 1564a of title 10, United States Code, by authorizing the Secretary of Defense to add dual citizens to Department of Defense counterintelligence polygraph program, for the purposes of assessing risk.

Section 1624—Defense Intelligence Business Management Systems

This section would require 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, to provide a report to the congressional defense committees and the congressional intelligence

committees, not later than March 1, 2019, outlining a plan to standardize the planning, programming, budgeting, and execution process for the Military Intelligence Program (MIP) across the Department of Defense. This section would also direct the implementation of the plan not later than October 1, 2020. This section would prohibit the use of program elements that contain both MIP and non-MIP resources. The committee is concerned with the Department's ability to provide sufficient oversight of the Military Intelligence Program budget.

Section 1625—Modification to Annual Briefing on the Intelligence, Surveillance, and Reconnaissance Requirements of the Combatant Commands

This section would require the Department of Defense to incorporate into the existing report required by section 1626 of the Carl Levin and Howard P. "Buck" McKeon National Defense Authorization Act for Fiscal Year 2015 (Public Law 113-291) data related to the number of requests for intelligence, surveillance, and reconnaissance capability and capacity submitted to the Chairman of the Joint Chiefs of Staff (CJCS) by the combatant commanders, the number of requests formally validated by the CJCS, the quantity of validated requests tasked to the military services to fulfill, and the amount of validated requests actually fulfilled by the military services.

Section 1626—Prohibition on the Availability of Funds for Department of Defense Assuming Background Investigation Mission for the Federal Government

This section would prohibit the Department of Defense from assuming the background investigation mission for the entire Federal Government before December 31, 2019.

SUBTITLE D—NUCLEAR FORCES

Section 1644—Procurement Authority for Certain Parts of Intercontinental Ballistic Missile Fuzes

This section would authorize \$9.8 million of the funds made available by this Act for Missile Procurement, Air Force, for the procurement of certain commercially available parts of intercontinental ballistic missile fuzes, notwithstanding section 1502(a) of title 31, United States Code, under 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).

Section 1646—Independent Study on Nuclear Weapons Launch-Under-Attack Option

This section would require the Secretary of Defense, within 30 days of enactment of this Act, to seek to enter into a contract with a federally funded

research and development center (FFRDC) to conduct a study on the potential benefits and risks of reducing the role of the launch-under-attack option in U.S. nuclear weapons planning. The Secretary would not be allowed to award such contract to an FFRDC for which the Air Force is the primary sponsor. This section would require the FFRDC to submit the report to the Secretary not later than 270 days after enactment of this Act, and would require the Secretary to submit the report to the congressional defense committees not later than 30 days after receiving it.

SUBTITLE E—MISSILE DEFENSE PROGRAMS

Section 1668—Limitation on Availability of Funds for Army Lower Tier Air and Missile Defense Sensor

This section would limit obligation or expenditure of funds for the Lower Tier Air and Missile Defense Sensor until the Secretary of the Army provides a report detailing the rationale for any delay should the acquisition strategy delivered in September 2018 push initial operating capability past 2023.

Section 1669—Missile Defense Radar in Hawaii

This section would express the sense of Congress on maintaining or accelerating the schedule for the homeland missile defense in Hawaii. This section would further require alignment of the In-Flight Interceptor Communications System Data Terminal (IDT) with homeland defense radar in Hawaii by requiring the Director of the Missile Defense Agency to provide a certification that the contract for the homeland defense radar in Hawaii is on schedule to award the contract by not later than December 31, 2018, and that the radar and the IDT will reach initial operating capability not later than fiscal year 2023. Should the contract not be awarded by December 31, 2018, this section would direct the Director of the Missile Defense Agency to provide a briefing to the Committees on Armed Services of the House of Representatives and the Senate every other week until the date of award. This section would also require the Director of the Missile Defense Agency to provide semiannual briefings to the Committees on Armed Services of the House of Representatives and the Senate on progress of the IDT and homeland missile defense radar in Hawaii, including updates on the environmental impact study process and acquisition of the radar and terminal.

SUBTITLE F—OTHER MATTERS

Section 1682—Procurement of Ammonium Perchlorate and Other Chemicals for Use in Solid Rocket Motors

This section would require the Secretary of the Army and the Deputy Assistant Secretary of Defense for Manufacturing and Industrial Base Policy to

jointly conduct a business case analysis of the Federal Government using a government-owned, contractor-operated model to ensure a robust domestic supply of specialty chemicals, including ammonium perchlorate, for use in solid rocket motors. The Secretary and Deputy Assistant Secretary would be required to submit this business case analysis to the congressional defense committees by March 1, 2019.

This section would also require the Secretary of Defense to use, to the extent practicable, full and open competition in awarding a contract for the sale of ammonium perchlorate from retired solid rocket motors. The Secretary would be required to notify the congressional defense committees 30 days after the date of any such award that does not use full and open competition.

Section 1683—Conventional Prompt Global Strike Hypersonic Capabilities

This section would require the Secretary of Defense to submit to the congressional defense committees by November 30, 2018, a validated requirement for ground-, sea-, or air-launched (or a combination thereof) conventional prompt global strike (CPGS) hypersonic capabilities.

This section would further require the Under Secretary of Defense for Acquisition and Sustainment to submit a report to the congressional defense committees by November 30, 2018, on the plan to deliver a CPGS capability in accordance with section 1693 of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115–91). The report would also include options with cost estimates for accelerating delivery for such system, policy decisions needed to employ the capabilities, and details with respect to the assessed level of ambiguity and misinterpretation of risks, and how those risks would be addressed.

DIVISION B—MILITARY CONSTRUCTION AUTHORIZATIONS

TITLE XXVII—BASE REALIGNMENT AND CLOSURE ACTIVITIES

LEGISLATIVE PROVISIONS

Section 2702—Additional Authority to Realign or Close Certain Military Installations

This section would provide the Secretary of Defense with authority to close or realign a military installation if the Secretary receives notification from the Governor of a State or territory that recommends the realignment or closure of a military installation within the Governor's State or territory.

Section 2703—Prohibition on Conducting Additional Base Realignment and Closure (BRAC) Round

This section would affirm that nothing in this Act shall be construed to authorize an additional Base Realignment and Closure round.

TITLE XXVIII—MILITARY CONSTRUCTION GENERAL PROVISIONS

LEGISLATIVE PROVISIONS

SUBTITLE B—REAL PROPERTY AND FACILITIES ADMINISTRATION

Section 2811—Optional Participation in Collection of Information on Unutilized and Underutilized Military Installation Properties Available for Homeless Assistance

This provision would amend section 11411 of title 42, United States Code, to provide the Department of Defense discretion on the reporting of surplus facilities for possible assistance for the homeless. Since most facilities owned by the Department require credentialed access, few if any facilities have been transferred for adaptive reuse by homeless organizations.

Section 2812—Force Structure Plans and Infrastructure Capabilities Necessary to Support the Force Structure

This section would require the Secretary of Defense to submit a force structure plan for each military service not later than February 3, 2021, accompanied by a categorical model of installation capabilities required to support force structure and an assessment of the adequacy of the Department of Defense's existing infrastructure inventory to support force structure plans.

SUBTITLE C—LAND CONVEYANCES

Section 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

This section would authorize the Secretary of the Navy to transfer acquired State and privately owned lands to the Secretary of the Interior for inclusion as public lands withdrawn and reserved by section 2941 of the National Defense Authorization Act for Fiscal Year 2014 (Public Law 113-66). This section would also allow the Secretary of the Interior to transfer certain parcels of land at Marine Corps Air Station Yuma to the Secretary of the Navy.

SUBTITLE D—MILITARY LAND WITHDRAWALS

Section 2831—Indefinite Duration of Certain Military Land Withdrawals and Reservations and Improved Management of Withdrawn and Reserved Lands

This section would amend statutory authority for several military land withdrawals to extend the withdrawals indefinitely. This section would also amend section 670a of title 16, United States Code, to require the Secretary of the Interior and the concerned Secretary of a military department to continuously review such withdrawals and would establish a public comment process regarding the resource management plans and military use of such lands.

DIVISION C—DEPARTMENT OF ENERGY NATIONAL SECURITY AUTHORIZATIONS AND OTHER AUTHORIZATIONS

TITLE XXXI—DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS

LEGISLATIVE PROVISIONS

SUBTITLE A—NATIONAL SECURITY PROGRAMS AND AUTHORIZATIONS

Section 3101—National Nuclear Security Administration

This section would authorize appropriations for the National Nuclear Security Administration for fiscal year 2019, including funds for weapons activities, defense nuclear nonproliferation programs, naval reactor programs, and Federal Salaries and Expenses, at the levels specified in the funding table in division D of this Act.

This section would also authorize several new plant projects for the National Nuclear Security Administration.

Section 3102—Defense Environmental Cleanup

This section would authorize appropriations for defense environmental cleanup activities for fiscal year 2019 at the levels specified in the funding table in division D of this Act.

Section 3103—Other Defense Activities

This section would authorize appropriations for Other Defense Activities for the Department of Energy for fiscal year 2019 at the levels specified in the funding table in division D of this Act.

Section 3104—Nuclear Energy

This section would authorize appropriations for certain nuclear energy programs for the Department of Energy for fiscal year 2019 at the levels specified in the funding table in division D of this Act.

SUBTITLE B—PROGRAM AUTHORIZATIONS, RESTRICTIONS, AND LIMITATIONS

Section 3111—Security Clearance for Dual Nationals Employed by National Nuclear Security Agency

This section would authorize the Secretary of Energy to apply additional security reviews to dual citizens seeking positions that require access to highly classified information. The committee expects that any additional security reviews will not further exacerbate background investigation backlogs.

Section 3112—Department of Energy Counterintelligence Polygraph Program

This section would amend section 4504b of the Atomic Energy Defense Act (50 U.S.C 2654b) by authorizing the Secretary of Energy to add dual citizens to the Department of Energy counterintelligence polygraph program, for the purposes of assessing risk.

Section 3113—Extension of Enhanced Procurement Authority to Manage Supply Chain Risk

This section would extend the authority provided by section 2786 of title 50, U.S. Code, for an additional 5 years, to June 30, 2023. This authority enables the Secretary of Energy to take certain procurement actions to help protect the supply chain for certain critical national security technologies. This section would also make a technical correction to section 2786 of title 50, U.S. Code.

Section 3114—Low-Yield Nuclear Weapons

This section would repeal section 3116 of the National Defense Authorization Act for Fiscal Year 2004 (Public Law 108-136) related to low-yield nuclear weapons. This section would also authorize the Secretary of Energy, acting through the Administrator for Nuclear Security, to carry out the engineering development phase, and any subsequent phase, to modify or develop a low-yield nuclear warhead for submarine-launched ballistic missiles.

Section 3115—Use of Funds for Construction and Project Support Activities Relating to MOX Facility

This section would require the Secretary of Energy to carry out construction and project support activities relating to the Mixed Oxide Fuel Fabrication Facility with any funds authorized to be appropriated by this Act or otherwise made available for such purposes for fiscal year 2019. The Secretary would be allowed to waive this requirement if the Secretary submits to the congressional defense committees the matters described under section 3121(b)(1) of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115-91).

Section 3117—Prohibition on Availability of Funds for Research and Development of Advanced Naval Nuclear Fuel System Based on Low-Enriched Uranium

This section would prohibit any funds authorized to be appropriated by this Act for fiscal year 2019 or otherwise made available to the Department of Energy or the Department of Defense from being obligated or expended to plan or carry out research and development of an advanced naval nuclear fuel system based on low-enriched uranium. The section would provide an exception to this prohibition and require that, in accordance with section 7319 of title 10, United States Code, that \$10.0 million of the funds authorized for defense nuclear nonproliferation within the National Nuclear Security Administration's atomic energy defense activities shall be made available to the Deputy Administrator for Naval Reactors for low-enriched uranium activities.

SUBTITLE C—REPORTS

Section 3121—Notification Regarding Release of Contamination at Hanford Site

This section would require the Assistant Secretary of Energy for Environmental Management to promptly notify and provide a briefing to the congressional defense committees after any improper release of contamination resulting from defense waste at the Hanford Site.

SUBTITLE D—OTHER MATTERS

Section 3131—Inclusion of Capital Assets Acquisition Projects in Activities by Director for Cost Estimating and Program Evaluation

This section would amend section 3221 of the National Nuclear Security Administration Act (50 U.S.C. 2411) to include capital assets in the definition of major atomic energy defense acquisition programs regarding the authorities of the Director for Cost Estimating and Program Evaluation.

The committee clarifies that this section does not affect the role of the Department of Energy (DOE) Office of Project Management in overseeing implementation of DOE Order 413.3B.

Section 3132—Whistleblower Protections

This section would make a series of findings and express the sense of Congress regarding nuclear safety and whistleblowers. This section would also require the Secretary of Energy, including by acting through the Administrator for Nuclear Security as appropriate, to impose civil penalties, as the Secretary or the Administrator determine appropriate, on contractors, subcontractors, and suppliers for violations of Department of Energy rules, regulations, and orders relating to nuclear safety and radiation protection.

This section would also require the Secretary to define, within 120 days of enactment of this Act, what constitutes evidence of a chilled work environment with respect to employees and contractors making a whistleblower complaint and would require an annual congressional notification on the imposition of any penalties related to violations of rules, regulations, and orders by contractors, subcontractors, and suppliers.

DIVISION D—FUNDING TABLES

Section 4001—Authorization of Amounts in Funding Tables

This section would provide for the allocation of funds among programs, projects, and activities in accordance with the tables in division D of this Act, subject to reprogramming guidance in accordance with established procedures.

Consistent with the previously expressed views of the committee, this section would also require that a decision by an agency head to commit, obligate, or expend funds to a specific entity on the basis of such funding tables be based on merit-based selection procedures in accordance with the requirements of section 2304(k) and section 2374 of title 10, United States Code, and other applicable provisions of law.

BILL LANGUAGE

1 **Subtitle A—Authorization Of**
2 **Appropriations**

3 **SEC. 101 [Log 67304]. AUTHORIZATION OF APPROPRIA-**
4 **TIONS.**

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

1 **SEC. 122 [Log 67497]. MULTIYEAR PROCUREMENT AUTHOR-**
2 **ITY FOR AMPHIBIOUS VESSELS.**

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

8 (b) **LIMITATION.**—The Secretary of the Navy may
9 not modify a contract entered into under subsection (a)
10 if the modification would increase the target price of an
11 amphibious vessel by more than 10 percent above the tar-
12 get price specified in the original contract awarded for the
13 amphibious vessel under subsection (a).

14 (c) **AUTHORITY FOR ADVANCE PROCUREMENT.**—The
15 Secretary of the Navy may enter into one or more con-
16 tracts for advance procurement associated with the am-
17 phibious vessels for which authorization to enter into a
18 multiyear procurement contract is provided under sub-
19 section (a) and for equipment or subsystems associated
20 with the amphibious vessels, including procurement of—

- 21 (1) long lead time material; or
22 (2) material or equipment in economic order
23 quantities when cost savings are achievable.

24 (d) **CONDITION FOR OUT-YEAR CONTRACT PAY-**
25 **MENTS.**—A contract entered into under subsection (a)
26 shall provide that any obligation of the United States to

1 make a payment under the contract for a fiscal year after
2 fiscal year 2019 is subject to the availability of appropria-
3 tions or funds for that purpose for such later fiscal year.

4 (e) LIMITATION ON TERMINATION LIABILITY.—A
5 contract for the construction of amphibious vessels entered
6 into under subsection (a) shall include a clause that limits
7 the liability of the United States to the contractor for any
8 termination of the contract. The maximum liability of the
9 United States under the clause shall be the amount appro-
10 priated for the amphibious vessels covered by the contract
11 regardless of the amount obligated under the contract.

12 (f) AMPHIBIOUS VESSEL DEFINED.—The term “am-
13 phibious vessel” means a San Antonio class amphibious
14 transport dock ship with a Flight II configuration.

1 **SEC. 128 [Log 67420]. LIMITATION ON PROCUREMENT OF**
2 **ECONOMIC ORDER QUANTITIES FOR VIR-**
3 **GINIA CLASS SUBMARINE PROGRAM.**

4 Section 124 of the National Defense Authorization
5 Act for Fiscal Year 2018 (Public Law 115–91) is amend-
6 ed—

7 (1) in subsection (c)(2), by striking “material”
8 and inserting “subject to subsection (d), material”;

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

11 (3) by inserting after subsection (c), the fol-
12 lowing:

13 “(d) **LIMITATION ON PROCUREMENT OF ECONOMIC**
14 **ORDER QUANTITIES.**—The Secretary of the Navy may not
15 enter into contracts for economic order quantities under
16 subsection (c)(2) until the date on which the Secretary
17 certifies to the congressional defense committees that any
18 funds made available for such contracts will be used to
19 procure economic order quantities of material and equip-
20 ment for not fewer than 12 Virginia class submarines.”.

1 **SEC. 142.[Log 68007]. LIMITATION ON USE OF FUNDS FOR**
2 **KC-46A AIRCRAFT PENDING SUBMITTAL OF**
3 **CERTIFICATION.**

4 (a) **CERTIFICATION REQUIRED.**—The Secretary of
5 the Air Force shall submit to the congressional defense
6 committees certification that, as of the date of the certifi-
7 cation—

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

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

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

1 **Subtitle A—Authorization Of**
2 **Appropriations**

3 **SEC. 201 [Log 67305]. AUTHORIZATION OF APPROPRIA-**
4 **TIONS.**

5 Funds are hereby authorized to be appropriated for
6 fiscal year 2019 for the use of the Department of Defense
7 for research, development, test, and evaluation, as speci-
8 fied in the funding table in section 4201.

1 **SEC. 213 [Log 67238]. PROHIBITION ON AVAILABILITY OF**
2 **FUNDS FOR THE WEATHER COMMON COMPO-**
3 **NENT PROGRAM.**

4 (a) PROHIBITION.—None of the funds authorized to
5 be appropriated by this Act or otherwise made available
6 for fiscal year 2019 for research, development, test, and
7 evaluation, Air Force, for weather service (PE 0305111F,
8 Project 672738) for product development, test and evalua-
9 tion, and management services associated with the Weath-
10 er Common Component program may be obligated or ex-
11 pended.

12 (b) REPORT REQUIRED.—

13 (1) IN GENERAL.—The Secretary of the Air
14 force shall submit to the congressional defense com-
15 mittees a report on technologies and capabilities
16 that—

17 (A) provide real-time or near real-time me-
18 teorological situational awareness data through
19 the use of sensors installed on manned and un-
20 manned aircraft; and

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

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

25 (A) a description of all technologies and
26 capabilities described in paragraph (1) that

1 exist as of the date on which the report is sub-
2 mitted;

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

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

10 (D) a list of capability gaps or shortfalls in
11 any major commands of the Air Force relating
12 to the gathering, processing, exploitation, and
13 dissemination of real-time or near real-time me-
14 teorological situational awareness data for un-
15 manned systems;

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

21 (F) a plan for fielding existing technologies
22 and capabilities to mitigate such gaps or short-
23 falls.

1 **SEC. 219 [Log 67590]. NATIONAL SECURITY SCIENCE AND**
2 **TECHNOLOGY STRATEGY.**

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

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

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

15 (2) be aligned with the National Defense Strat-
16 egy and Government-wide strategic science and tech-
17 nology priorities, including the defense budget prior-
18 ities of the Office of Science and Technology Policy
19 of the President;

20 (3) align the acquisition priorities, programs,
21 and timelines of the Department with the acquisition
22 priorities, programs, and timelines of defense enter-
23 prise laboratories and services;

24 (4) contain an assessment of high priority
25 emerging technology programs of the Department,

1 including programs relating to hypersonics, directed
2 energy, synthetic biology, and artificial intelligence;

3 (5) identify high priority research and engineer-
4 ing requirements and gaps;

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

9 (7) contain such other information as the Sec-
10 retary of Defense determines to be appropriate.

11 (c) ANNUAL SUBMISSION.—

12 (1) IN GENERAL.—Not later than February 4,
13 2019, and annually thereafter through December 31,
14 2021, the Secretary of Defense shall submit to the
15 congressional defense committees the most recent
16 version of the strategy developed under subsection
17 (a).

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

21 (d) BRIEFING.—Not later than 14 days after the date
22 on which the initial strategy under subsection (a) is com-
23 pleted, the Under Secretary of Defense for Research and
24 Engineering shall provide to the Committees on Armed

- 1 Services of the Senate and the House of Representatives
- 2 a briefing on the implementation of the strategy.

1 **Subtitle C—Reports and Other**
2 **Matters**

3 **SEC. 221 [Log 67471]. REPORT ON SURVIVABILITY OF AIR**
4 **DEFENSE ARTILLERY.**

5 (a) **REPORT REQUIRED.**—Not later than March 1,
6 2019, the Secretary of the Army shall submit to the Com-
7 mittees on Armed Services of the Senate and the House
8 of Representatives a report on the efforts of the Army to
9 improve the survivability of air defense artillery, with a
10 particular focus on the efforts of the Army to improve pas-
11 sive and active nonkinetic capabilities and training with
12 respect to such artillery.

13 (b) **ELEMENTS.**—The report required under sub-
14 section (a) shall include the following:

15 (1) An analysis of the utility of relevant passive
16 and active non-kinetic integrated air and missile de-
17 fense capabilities, including tactical mobility, new
18 passive and active sensors, signature reduction, con-
19 cealment, and deception systems, and electronic war-
20 fare and high-powered radio frequency systems.

21 (2) An analysis of the utility of relevant active
22 kinetic capabilities, such as a new, long-range
23 counter-maneuvering threat missile and additional
24 indirect fire protection capability units to defend Pa-

1 triot and Terminal High Altitude Area Defense bat-
2 teries.

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

1 **Subtitle A—Authorization of**
2 **Appropriations**

3 **SEC. 301 [Log 67306]. AUTHORIZATION OF APPROPRIA-**
4 **TIONS.**

5 Funds are here by authorized to be appropriated for
6 fiscal year 2019 for the use of the Armed Forces and other
7 activities and agencies of the Department of Defense for
8 expenses, not otherwise provided for, for operation and
9 maintenance, as specified in the funding table in section
10 4301.

1 **SEC. 312 [Log 67711]. EXTENSION OF AUTHORIZED PERIODS**
2 **OF PERMITTED INCIDENTAL TAKINGS OF MA-**
3 **RINE MAMMALS IN THE COURSE OF SPECI-**
4 **FIED ACTIVITIES BY DEPARTMENT OF DE-**
5 **FENSE.**

6 Section 101(a)(5)(A) of the Marine Mammal Protec-
7 tion Act of 1972 (16 U.S.C. 1371) is amended—

8 (1) in clause (i), by striking “Upon request”
9 and inserting “Except as provided by clause (ii),
10 upon request”;

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

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

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

18 “(I) in the matter preceding clause (I), by sub-
19 stituting ‘ten consecutive years’ for ‘five consecutive
20 years’; and

21 “(II) in clause (I), by substituting ‘ten-year’ for
22 ‘five-year’.”.

1 **SEC. 324 [Log 67281]. TEMPORARY MODIFICATION OF WORK-**
2 **LOAD CARRYOVER FORMULA.**

3 During the period beginning on the date of the enact-
4 ment of this Act and ending on September 30, 2021, in
5 carrying out chapter 9, volume 2B (relating to Instruc-
6 tions for the Preparation of Exhibit Fund-11a Carryover
7 Reconciliation) of Department of Defense regulation
8 7000.14-R, entitled “Financial Management Regulation
9 (FMR)”, in addition to any other applicable exemptions,
10 the Secretary of Defense shall ensure that with respect
11 to each military department depot or arsenal, outlay
12 rates—

13 (1) reflect the timing of when during a fiscal
14 year appropriations have historically funded work-
15 load; and

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

1 **SEC. 333 [Log 67343]. SURFACE WARFARE TRAINING IM-**
2 **PROVEMENT.**

3 (a) FINDINGS.—Congress makes the following find-
4 ings:

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

12 (2) The causal factors in these four mishaps
13 are linked directly to a failure to take sufficient ac-
14 tion in accordance with the rules of good seaman-
15 ship.

16 (3) Because risks are high in the maritime envi-
17 ronment, there are widely accepted standards for
18 safe seamanship and navigation. In the United
19 States, the International Convention on Standards
20 of Training, Certification and Watchkeeping (herein-
21 after in this section referred to as the “STCW”) for
22 Seafarers, standardizes the skills and foundational
23 knowledge a maritime professional must have in sea-
24 manship and navigation.

25 (4) Section 568 of the National Defense Au-
26 thorization Act for Fiscal Year 2017 (Public Law

1 114-328; 130 Stat. 2139) endorsed the STCW proc-
2 ess and required the Secretary of Defense to maxi-
3 mize the extent to which Armed Forces service,
4 training, and qualifications are creditable toward
5 meeting merchant mariner licenses and certifi-
6 cations.

7 (5) The Surface Warfare Officer Course Cur-
8 riculum is being modified to include ten individual
9 Go/No Go Mariner Assessments/Competency Check
10 Milestones to ensure standardization and quality of
11 the surface warfare community.

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

16 (b) SENSE OF CONGRESS.—It is the sense of Con-
17 gress that—

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

23 (2) the Secretary of the Navy should signifi-
24 cantly expand the STCW qualifications process to
25 improve seamanship and navigation individual skills

1 training for surface warfare candidates, surface war-
2 fare officers, quartermasters and operations special-
3 ists to include an increased set of courses that di-
4 rectly correspond to STCW standards.

5 (c) REPORT.—Not later than March 1, 2019, the
6 Secretary of the Navy shall submit to the congressional
7 defense committees a report that includes each of the fol-
8 lowing:

9 (1) A detailed description of the surface war-
10 fare officer assessments process.

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

13 (3) A complete gap analysis of the existing sur-
14 face warfare training curriculum and STCW.

15 (4) A complete gap analysis of the existing sur-
16 face warfare training curriculum and the 3rd mate
17 unlimited licensing requirement.

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

1 **Subtitle C—Authorization of**
2 **Appropriations**

3 **SEC. 421 [log 67141]. MILITARY PERSONNEL.**

4 (a) AUTHORIZATION OF APPROPRIATIONS.—Funds
5 are hereby authorized to be appropriated for fiscal year
6 2019 for the use of the Armed Forces and other activities
7 and agencies of the Department of Defense for expenses,
8 not otherwise provided for, for military personnel, as spec-
9 ified in the funding table in section 4401.

10 (b) CONSTRUCTION OF AUTHORIZATION.—The au-
11 thorization of appropriations in subsection (a) supersedes
12 any other authorization of appropriations (definite or in-
13 definite) for such purpose for fiscal year 2019.

1 **SEC. 502 [log 67344]. SURFACE WARFARE OFFICERS CA-**
2 **REER PATHS.**

3 (a) IN GENERAL.—Chapter 602 of title 10, United
4 States Code, is amended by adding at the end the fol-
5 lowing new section:

6 **“§ 6933. Surface warfare officers: career paths**

7 “Any naval officer who is commissioned as a surface
8 warfare officer on or after January 1, 2021, shall be as-
9 signed to one of the following career paths:

10 “(1) Ship engineering systems.

11 “(2) Ship operations and combat systems.”.

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

“6933. Surface warfare officers: career paths.”.

1 **SEC. 512 [Log 67741]. MODIFICATION TO FORMS OF SUP-**
2 **PORT THAT MAY BE ACCEPTED IN SUPPORT**
3 **OF THE MISSION OF THE DEFENSE POW/MIA**
4 **ACCOUNTING AGENCY.**

5 (a) PUBLIC-PRIVATE PARTNERSHIPS.—Subsection
6 (a) of section 1501a of title 10, United States Code, is
7 amended by adding at the end the following new sentence:
8 “An employee of an entity outside the Government that
9 has entered into a public-private partnership, cooperative
10 agreement, or a grant arrangement with, or in direct sup-
11 port of, the designated Defense Agency under this section
12 shall be considered to be an employee of the Federal Gov-
13 ernment by reason of participation in such partnership,
14 cooperative agreement, or grant, only for the purposes of
15 section 552a of title 5 (relating to maintenance of records
16 on individuals).”.

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

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

22 (2) by inserting after subsection (d) the fol-
23 lowing new subsection (e):

24 “(e) ACCEPTANCE OF GIFTS.—

25 “(1) AUTHORITY TO ACCEPT.—Subject to sub-
26 section (f)(2), the Secretary may accept, hold, ad-

1 minister, spend, and use any gift of personal prop-
2 erty, money, or services made on the condition that
3 the gift be used for the purpose of facilitating ac-
4 counting for missing persons pursuant to section
5 1501(a)(2)(C) of this title.

6 “(2) GIFT FUNDS.—Gifts and bequests of
7 money accepted under this subsection shall be depos-
8 ited in the Treasury in the Department of Defense
9 General Gift Fund.

10 “(3) USE OF GIFTS.—Personal property and
11 money accepted under this subsection may be used
12 by the Secretary, and services accepted under this
13 subsection may be performed, without further spe-
14 cific authorization in law.

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

19 “(5) EXPENSES OF CARE.—The Secretary may
20 pay all reasonable and necessary expenses in connec-
21 tion with the care of a gift accepted under this sub-
22 section.”; and

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

1 “(3) GIFT.—The term ‘gift’ includes a devise or
2 bequest.”.

3 (e) CONFORMING AMENDMENT.—Subsection (a) of
4 such section is further amended by striking “subsection
5 (e)(1)” and inserting “subsection (f)(1)”.

1 **SEC. 533 [log 67995]. EXTENSION OF PILOT PROGRAM TO**
2 **ASSIST MEMBERS IN OBTAINING POST-SERV-**
3 **ICE EMPLOYMENT.**

4 Section 555(i) of the Carl Levin and Howard P.
5 “Buck” McKeon National Defense Authorization Act for
6 Fiscal Year 2015 (Public Law 113-291; 10 U.S.C. 1143
7 note) is amended by striking “2018” and inserting
8 “2023”.

1 **SEC. 544 [log 67841]. CONTINUED ASSISTANCE TO SCHOOLS**
2 **WITH SIGNIFICANT NUMBERS OF MILITARY**
3 **DEPENDENT STUDENTS.**

4 (a) ASSISTANCE TO SCHOOLS WITH SIGNIFICANT
5 NUMBERS OF MILITARY DEPENDENT STUDENTS.—Of the
6 amount authorized to be appropriated for fiscal year 2019
7 in Division D of this Act and available for operation and
8 maintenance for Defense-wide activities as specified in the
9 funding table in Section 4301 of this Act, \$40,000,000
10 shall be available only for the purpose of providing assist-
11 ance to local educational agencies under subsection (a) of
12 section 572 of the National Defense Authorization Act for
13 Fiscal Year 2006 (Public Law 109-163; 20 U.S.C.
14 7703b).

15 (b) IMPACT AID FOR CHILDREN WITH SEVERE DIS-
16 ABILITIES.—Of the amount authorized to be appropriated
17 for fiscal year 2019 in Division D of this Act and available
18 for operation and maintenance for Defense-wide activities
19 as specified in the funding table in Section 4301 of this
20 Act, \$10,000,000 shall be available for payments under
21 section 363 of the Floyd D. Spence National Defense Au-
22 thorization Act for Fiscal Year 2001 (Public Law 106-
23 398; 20 U.S.C. 7703a).

24 (c) LOCAL EDUCATIONAL AGENCY DEFINED.—In
25 this section, the term “local educational agency” has the
26 meaning given that term in section 7013(9) of the Ele-

1 elementary and Secondary Education Act of 1965 (20 U.S.C.
2 7713(9)).

1 **Subtitle C—Other Matters**

2 **SEC. 621 [log 67251]. EXPANSIONS OF INSTALLATION BENE-**
3 **FITS TO SURVIVING SPOUSES, DEPENDENT**
4 **CHILDREN, AND OTHER NEXT OF KIN.**

5 (a) ISSUANCE OF GOLD STAR INSTALLATION ACCESS
6 CARDS.—

7 (1) ISSUANCE AND CONDITIONS ON USE.—

8 (A) IN GENERAL.—Chapter 57 of title 10,
9 United States Code, is amended by inserting
10 after section 1126 the following new section:

11 **“§ 1126a. Gold Star Installation Access Card: issuance**
12 **and protections**

13 “(a) ISSUANCE TO GOLD STAR SURVIVING SPOUSE
14 AND DEPENDENT CHILDREN OF DECEASED MEMBER RE-
15 QUIRED.—The Secretary concerned shall provide for the
16 issuance of a standardized Gold Star Installation Access
17 Card to the widow and dependent children of a deceased
18 member of the armed forces described in section 1126(a)
19 of this title to facilitate their ability to gain unescorted
20 access to military installations for the purpose of attend-
21 ing memorial events, visiting gravesites, and obtaining the
22 on-installation services and benefits to which they are enti-
23 tled or eligible.

24 “(b) ISSUANCE TO OTHER NEXT OF KIN AUTHOR-
25 IZED.—At the discretion of the Secretary concerned, the

1 Secretary concerned may provide the Gold Star Installa-
2 tion Access Card to the parents and other next of kin of
3 a deceased member of the armed forces described in sec-
4 tion 1126(a) of this title.

5 “(c) SERVICE-WIDE ACCEPTANCE OF ACCESS
6 CARD.—The Secretaries concerned shall work together to
7 ensure that a Gold Star Installation Access Card issued
8 by one armed force is accepted for access to military in-
9 stallations under the jurisdiction of another armed force.

10 “(d) PROTECTION OF INSTALLATION SECURITY.—In
11 developing, issuing, and accepting the Gold Star Installa-
12 tion Access Card, the Secretary concerned may take such
13 measures as the Secretary concerned considers nec-
14 essary—

15 “(1) to prevent fraud in the procurement or use
16 of the Gold Star Installation Access Card;

17 “(2) to limit installation access to those areas
18 of the installation that provide the services and ben-
19 efits for which the recipient of the Gold Star Instal-
20 lation Access Card is entitled or eligible; and

21 “(3) to ensure that the availability and use of
22 the Gold Star Installation Access Card does not ad-
23 versely affect military installation security.

24 “(e) TERMINATION.—The Gold Star Installation Ac-
25 cess Card for the widow and dependent children of a de-

1 ceased member of the armed forces shall remain valid for
2 the life of the widow or child, regardless of subsequent
3 marital status of the widow, subject to periodic renewal
4 as determined by the Secretary concerned to ensure mili-
5 tary installation security.”.

6 (B) CLERICAL AMENDMENT.—The table of
7 sections at the beginning of chapter 57 of title
8 10, United States Code, is amended by insert-
9 ing after the item relating to section 1126 the
10 following new item:

“1126a. Gold Star Installation Access Card: issuance and protections.”.

11 (2) APPLICABILITY OF CURRENT DEFINI-
12 TIONS.—Section 1126(d) of title 10, United States
13 Code is amended by striking the matter preceding
14 paragraph (1) and inserting the following: “In this
15 section and section 1126a of this title:”.

16 (b) EXTENSION OF COMMISSARY AND EXCHANGE
17 BENEFITS FOR REMARRIED SPOUSES WITH DEPENDENT
18 CHILDREN.—

19 (1) BENEFITS.—Section 1062 of title 10,
20 United States Code, is amended—

21 (A) by striking “The Secretary of De-
22 fense” and inserting the following:

23 “(a) CERTAIN UNREARRIED FORMER SPOUSES.—
24 The Secretary of Defense”; and

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

3 “(b) CERTAIN REMARRIED SURVIVING SPOUSES.—
4 The Secretary of Defense shall prescribe such regulations
5 as may be necessary to provide that a surviving spouse
6 of a deceased member of the armed forces, regardless of
7 the marital status of the surviving spouse, who has guard-
8 ianship of dependent children of the deceased member is
9 entitled to use commissary stores and MWR retail facili-
10 ties to the same extent and on the same basis as the
11 unremarried surviving spouse of a member of the uni-
12 formed services.”.

13 (2) CONFORMING AMENDMENTS.—Section 1062
14 of title 10, United States Code, is further amend-
15 ed—

16 (A) by striking “commissary and exchange
17 privileges” and inserting “use commissary
18 stores and MWR retail facilities”; and

19 (B) by adding at the end the following new
20 subsection:

21 “(c) MWR RETAIL FACILITIES.—The term ‘MWR
22 retail facilities’ has the meaning given that term in section
23 1063(e) of this title.”.

24 (3) CLERICAL AMENDMENTS.—

1 (A) SECTION HEADING.—The heading of
2 section 1062 of title 10, United States Code, is
3 amended to read as follows:

4 “§ 1062. **Certain former spouses and surviving**
5 **spouses”.**

6 (B) TABLE OF SECTIONS.—The table of
7 sections at the beginning of chapter 54 of title
8 10, United States Code, is amended by striking
9 the item relating to section 1062 and inserting
10 the following new item:

“1062. Certain former spouses and surviving spouses.”.

1 **Subtitle A—TRICARE and Other**
2 **Health Care Benefits**

3 **SEC. 701.[Log 67477] TRICARE MEDICARE ADVANTAGE DEM-**
4 **ONSTRATION PROGRAM.**

5 (a) ESTABLISHMENT.—

6 (1) IN GENERAL.—Not later than two years
7 after the date of the enactment of this Act, the Sec-
8 retary of Defense, in consultation with the Secretary
9 of Health and Human Services, shall carry out a
10 demonstration program under which, notwith-
11 standing section 1851(c)(3) of the Social Security
12 Act (42 U.S.C. 1395w–21(c)(3)), each covered indi-
13 vidual is deemed, unless the individual (in accord-
14 ance with a process specified by the Secretaries)
15 elects otherwise, to have elected to receive benefits
16 under title XVIII of such Act (42 U.S.C. 1395 et
17 seq.) through a participating MA plan, with respect
18 to the military health system region involved, (and
19 shall be enrolled in such plan) for each plan year
20 during which such demonstration program is carried
21 out. In carrying out the demonstration program, the
22 Secretary shall ensure that a covered individual who
23 is enrolled in an MA plan in a military health sys-
24 tem region selected under paragraph (3) that is not
25 a participating MA plan may remain in such non-

1 participating MA plan without making an election
2 through such process specified in the previous sen-
3 tence.

4 (2) DURATION.—Subject to subsection (d), the
5 demonstration program established under paragraph
6 (1) shall be carried out for a period of not less than
7 two plan years.

8 (b) PARTICIPATING MA PLANS.—

9 (1) DEFINITION.—For purposes of this section,
10 the term “participating MA plan” means, with re-
11 spect to a military health system region selected
12 under paragraph (3) and a plan year beginning dur-
13 ing the period during which the demonstration
14 project is carried out, an eligible Medicare Advan-
15 tage plan that enters into a contract under para-
16 graph (2) with the Secretary of Defense to partici-
17 pate in the demonstration program under this sec-
18 tion for such plan year.

19 (2) SELECTION OF PLANS.—

20 (A) IN GENERAL.—The Secretary shall,
21 after consultation with the TRICARE managed
22 care support contractor in each military health
23 system region selected under paragraph (3) and
24 with respect to each plan year beginning the pe-
25 riod during which such demonstration program

1 is carried out, enter into a contract with one or
2 more eligible Medicare Advantage plans de-
3 scribed in subparagraph (B) to participate in
4 the demonstration program for such plan year,
5 with respect to such military health system re-
6 gion. Under such contract, the Medicare Advan-
7 tage organization offering such plan, with re-
8 spect to such military health system region,
9 shall agree to provide coverage under such plan
10 to all covered individuals residing in such region
11 during such plan year.

12 (B) ELIGIBLE MEDICARE ADVANTAGE
13 PLAN.—For purposes of this section, an eligible
14 Medicare Advantage plan, with respect to a
15 military health system region selected under
16 paragraph (3), is an MA plan that satisfies the
17 following conditions, with respect to a plan year
18 beginning during the period during which the
19 demonstration program is carried out:

20 (i) The Medicare Advantage organiza-
21 tion offering the plan has in effect a con-
22 tract with the Secretary of Health and
23 Human Services under section 1857 of the
24 Social Security Act (42 U.S.C. 1395w–27)
25 for offering such plan to MA eligible indi-

1 viduals in such military health system re-
2 gion with respect to such plan year.

3 (ii) The plan is, or is treated as, a
4 qualifying plan under section 1853(o)(3) of
5 such Act (42 U.S.C. 1395w-23(o)(3)),
6 with respect to such plan year.

7 (3) SELECTION OF MILITARY HEALTH SYSTEM
8 REGIONS.—The Secretary shall select two military
9 health system regions in which to carry out the dem-
10 onstration program, one from each TRICARE man-
11 aged care support contractor region. Each such re-
12 gion shall have a large concentration of beneficiaries
13 eligible for TRICARE for Life.

14 (c) COSTS OF PROGRAM.—

15 (1) DEPARTMENT OF DEFENSE.—The Sec-
16 retary shall bear the costs to the Department of De-
17 fense and realize any potential savings to the De-
18 partment that result from the demonstration pro-
19 gram.

20 (2) COST NEUTRALITY.—The costs paid under
21 the demonstration program by the United States to
22 the participating Medicare Advantage plans, and the
23 costs paid by the United States pursuant to
24 TRICARE for Life, for the period of the demonstra-
25 tion program, with respect to covered individuals en-

1 rolled in such plans during such period, may not ex-
2 ceed the estimated costs that would have been paid
3 by the United States during such period for pro-
4 viding health care benefits to such individuals
5 through the original medicare fee-for-service pro-
6 gram under parts A and B of title XVIII of the So-
7 cial Security Act and TRICARE for Life, as ad-
8 justed to account for the age, location, and health
9 status of the population.

10 (d) CERTIFICATIONS REQUIRED TO CARRY OUT PRO-
11 GRAM.—

12 (1) CERTIFICATIONS.—Not later than one year
13 after the date of the enactment of this Act, and an-
14 nually thereafter for each plan year occurring during
15 the period during which the demonstration program
16 is carried out, the Secretary shall submit to the ap-
17 propriate congressional committees a report and cer-
18 tification on the demonstration program. If the Sec-
19 retary does not submit the certification by such date
20 each year, the Secretary may not carry out the dem-
21 onstration program for the plan year or any subse-
22 quent plan year.

23 (2) ELEMENTS.—Each report and certification
24 under paragraph (1), with respect to a plan year,
25 shall include the following:

1 (A) Except for the first report and certifi-
2 cation submitted under paragraph (1)—

3 (i) a certification that the demonstra-
4 tion program maintains cost neutrality
5 pursuant to subsection (c)(2);

6 (ii) the number of covered individuals
7 eligible to be enrolled in the demonstration
8 program and the number of covered indi-
9 viduals who opted out of such enrollment
10 in each participating MA plan in each such
11 region; and

12 (iii) an assessment of the number of
13 covered individuals enrolled in partici-
14 pating Medicare Advantage plans under
15 the demonstration program that have
16 reached the limit on out-of-pocket expendi-
17 tures applied under the respective plan.

18 (B) A certification that the access stand-
19 ards for the TRICARE program are met in the
20 Medicare Advantage plans selected under sub-
21 section (b)(2).

22 (C) A description of the average premium
23 rates, and copayments or cost sharing, if any,
24 for each participating MA plan in each military

1 health system region selected under subsection
2 (b)(3).

3 (D) A description of the quality rating de-
4 termined under the 5-star rating system under
5 section 1853(o)(4) of the Social Security Act
6 (42 U.S.C. 1395w-23(o)(4)) for such plan year
7 for each participating MA plan.

8 (E) Any recommendations by the Secretary
9 with respect to any legislative actions to im-
10 prove the demonstration program.

11 (e) REPORT.—Not later than three years after the
12 date of the enactment of this Act, the Secretary shall sub-
13 mit to the appropriate congressional committees a report
14 providing a comprehensive assessment of the demonstra-
15 tion program.

16 (f) REGULATIONS.—

17 (1) IN GENERAL.—The Secretary may prescribe
18 regulations to expeditiously implement the dem-
19 onstration program under subsection (a).

20 (2) RULEMAKING.—The Secretary shall carry
21 out paragraph (1)—

22 (A) by prescribing an interim final rule;
23 and

24 (B) not later than 180 days after pre-
25 scribing such interim final rule and considering

1 public comments with respect to such interim
2 final rule, by prescribing a final rule.

3 (g) DEFINITIONS.—In this section:

4 (1) The term “appropriate congressional com-
5 mittees” means—

6 (A) the Committees on Armed Services,
7 Ways and Means, and Energy and Commerce
8 of the House of Representatives; and

9 (B) the Committees on Armed Services,
10 Finance, and Health, Education, Labor, and
11 Pensions of the Senate.

12 (2) The term “covered individual” means an in-
13 dividual who—

14 (A) is a Medicare Advantage eligible indi-
15 vidual (as defined in section 1851(a)(3) of the
16 Social Security Act (42 U.S.C. 1395w-
17 21(a)(3)));

18 (B) is enrolled in TRICARE for Life; and

19 (C) resides in a ZIP code that is located—

20 (i) in a military health system region
21 selected under subsection (b)(3); and

22 (ii) at least 40 miles from a military
23 medical center or a military hospital de-
24 scribed in subsections (b) and (c) of sec-
25 tion 1073d of title 10, United States Code.

1 (3) The term “Medicare Advantage organiza-
2 tion” has the meaning given that term in section
3 1859 of the Social Security Act (42 U.S.C. 1395w-
4 28).

5 (4) The term “Medicare Advantage plan”
6 means a health plan under part C of title XVIII of
7 the Social Security Act (42 U.S.C. 1395w-21 et
8 seq.).

9 (5) The term “plan year” has the meaning
10 given such term for purposes of such part.

11 (6) The term “Secretary” means the Secretary
12 of Defense.

13 (7) The terms “TRICARE program” and
14 “TRICARE for Life” have the meanings given those
15 terms in section 1072 of title 10, United States
16 Code.

1 **SEC. 714.[Log 67990] IMPROVEMENTS TO TRAUMA CENTER**
2 **PARTNERSHIPS.**

3 Section 708(c) of the National Defense Authorization
4 Act for Fiscal Year 2017 (Public Law 114–328; 10 U.S.C.
5 1071 note) is amended—

6 (1) in paragraph (1), by striking “large metro-
7 politan teaching hospitals that have level I civilian”;

8 (2) in paragraph (2)—

9 (A) by striking “with civilian academic
10 medical centers and large metropolitan teaching
11 hospitals”; and

12 (B) by striking “the trauma centers of the
13 medical centers and hospitals” and inserting
14 “trauma centers”; and

15 (3) in paragraph (3), by striking “large metro-
16 politan teaching hospitals” and inserting “trauma
17 centers”.

1 **Subtitle A—Streamlining of De-**
2 **fense Acquisition Statutes and**
3 **Regulations**

4 **SEC. 800 [Log 67972]. EFFECTIVE DATES; COORDINATION**
5 **OF AMENDMENTS.**

6 (a) EFFECTIVE DATES.—

7 (1) PARTS I AND II.—Parts I and II of this
8 subtitle, and the redesignations and amendments
9 made by such parts, shall take effect on February
10 1, 2020.

11 (2) PART III.—Part III of this subtitle shall
12 take effect on the date of the enactment of this Act.

13 (b) COORDINATION OF AMENDMENTS.—The redesi-
14 gnations and amendments made by part II of this subtitle
15 shall be executed—

16 (1) before the amendments made by part I of
17 this subtitle; and

18 (2) after any amendments made by any other
19 provisions of this Act.

1 **PART I—CONSOLIDATION OF DEFENSE ACQUI-**
 2 **SION STATUTES IN NEW PART V OF SUB-**
 3 **TITLE A OF TITLE 10, UNITED STATES CODE**
 4 **SEC. 801 [Log 67094]. FRAMEWORK FOR NEW PART V OF**
 5 **SUBTITLE A.**

6 (a) IN GENERAL.—Subtitle A of title 10, United
 7 States Code, is amended by adding at the end the fol-
 8 lowing new part:

9 **“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 Eval- uation	4451
“SUBPART G—OTHER SPECIAL CATEGORIES OF CONTRACTING	
“341. Contracting for Performance of Civilian Commercial or Indus- trial 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 Pro- gram	4881

1 **“Subpart A—General**

2 **“CHAPTER 201—DEFINITIONS**

3 **“SEC. 3001. [RESERVED].**

[Reserved]

4 **“CHAPTER 203—GENERAL MATTERS**

5 **“SEC. 3021. [RESERVED].**

[Reserved]

1 **“CHAPTER 205—DEFENSE ACQUISITION**
2 **SYSTEM**

3 **“SEC. 3051. [RESERVED].**

[Reserved]

4 **“CHAPTER 207—BUDGETING AND**
5 **APPROPRIATIONS MATTERS**

6 **“SEC. 3101. [RESERVED].**

[Reserved]

7 **“CHAPTER 209—OVERSEAS CONTINGENCY**
8 **OPERATIONS**

9 **“SEC. 3151. [RESERVED].**

[Reserved]

10 **“Subpart B—Acquisition Planning**

11 **“CHAPTER 221—PLANNING AND**
12 **SOLICITATION GENERALLY**

13 **“SEC. 3201. [RESERVED].**

[Reserved]

14 **“CHAPTER 223—PLANNING AND SOLICITA-**
15 **TION RELATING TO PARTICULAR**
16 **ITEMS OR SERVICES**

17 **“SEC. 3251. [RESERVED].**

[Reserved]

1 **“CHAPTER 253—EMERGENCY AND RAPID**
2 **ACQUISITIONS**

3 **“SEC. 3601. [RESERVED].**

[Reserved]

4 **“CHAPTER 255—CONTRACTING WITH OR**
5 **THROUGH OTHER AGENCIES**

6 **“SEC. 3651. [RESERVED].**

[Reserved]

7 **“Subpart D—General Contracting Requirements**

8 **“CHAPTER 271—TRUTHFUL COST OR**
9 **PRICING DATA**

10 **“SEC. 3701. [RESERVED].**

[Reserved]

11 **“CHAPTER 273—ALLOWABLE COSTS**

12 **“SEC. 3741. [RESERVED].**

[Reserved]

13 **“CHAPTER 275—PROPRIETARY CON-**
14 **TRACTOR DATA AND TECHNICAL DATA**

15 **“SEC. 3771. [RESERVED].**

[Reserved]

16 **“CHAPTER 277—CONTRACT FINANCING**

17 **“SEC. 3801. [RESERVED].**

[Reserved]

1 **“CHAPTER 279—CONTRACTOR AUDITS**
2 **AND ACCOUNTING**

3 **“SEC. 3841. [RESERVED].**

[Reserved]

4 **“CHAPTER 281—CLAIMS AND DISPUTES**

5 **“SEC. 3861. [RESERVED].**

[Reserved]

6 **“CHAPTER 283—FOREIGN ACQUISITIONS**

7 **“SEC. 3881. [RESERVED].**

[Reserved]

8 **“CHAPTER 285—SMALL BUSINESS**
9 **PROGRAMS**

10 **“SEC. 3901. [RESERVED].**

[Reserved]

11 **“CHAPTER 287—SOCIOECONOMIC**
12 **PROGRAMS**

13 **“SEC. 3961. [RESERVED].**

[Reserved]

14 **“Subpart E—Special Categories of Contracting:**
15 **Major Defense Acquisition Programs and Major**
16 **Systems**

17 **“CHAPTER 301—MAJOR DEFENSE**
18 **ACQUISITION PROGRAMS**

19 **“SEC. 4001. [RESERVED].**

[Reserved]

1 **“CHAPTER 303—WEAPON SYSTEMS**
2 **DEVELOPMENT AND RELATED MATTERS**

3 **“SEC. 4071. [RESERVED].**

[Reserved]

4 **“CHAPTER 305—OTHER MATTERS**
5 **RELATING TO MAJOR SYSTEMS**

6 **“SEC. 4121. [RESERVED].**

[Reserved]

7 **“Subpart F—Special Categories of Contracting:**
8 **Research, Development, Test, and Evaluation**

9 **“CHAPTER 321—RESEARCH AND**
10 **DEVELOPMENT GENERALLY**

11 **“SEC. 4201. [RESERVED].**

[Reserved]

12 **“CHAPTER 323—INNOVATION**

13 **“SEC. 4301. [RESERVED].**

[Reserved]

14 **“CHAPTER 325—DEPARTMENT OF**
15 **DEFENSE LABORATORIES**

16 **“SEC. 4351. [RESERVED].**

[Reserved]

17 **“CHAPTER 327—RESEARCH AND**
18 **DEVELOPMENT CENTERS AND FACILITIES**

19 **“SEC. 4401. [RESERVED].**

[Reserved]

1 **“CHAPTER 329—OPERATIONAL TEST AND**
2 **EVALUATION; DEVELOPMENTAL TEST**
3 **AND EVALUATION**

4 **“SEC. 4451. [RESERVED].**

[Reserved]

5 **“Subpart G—Other Special Categories Of**
6 **Contracting**

7 **“CHAPTER 341—CONTRACTING FOR PER-**
8 **FORMANCE OF CIVILIAN COMMER-**
9 **CIAL OR INDUSTRIAL TYPE FUNC-**
10 **TIONS**

11 **“SEC. 4501. [RESERVED].**

[Reserved]

12 **“CHAPTER 343—ACQUISITION OF**
13 **SERVICES**

14 **“SEC. 4541. [RESERVED].**

[Reserved]

15 **“CHAPTER 345—ACQUISITION OF**
16 **INFORMATION TECHNOLOGY**

17 **“SEC. 4571. [RESERVED].**

[Reserved]

1 **“Subpart H—Contract Management**

2 **“CHAPTER 361—CONTRACT**

3 **ADMINISTRATION**

4 **“SEC. 4601. [RESERVED].**

[Reserved]

5 **“CHAPTER 363—PROHIBITIONS AND**

6 **PENALTIES**

7 **“SEC. 4651. [RESERVED].**

[Reserved]

8 **“CHAPTER 365—CONTRACTOR**

9 **WORKFORCE**

10 **“SEC. 4701. [RESERVED].**

[Reserved]

11 **“CHAPTER 367—OTHER ADMINISTRATIVE**

12 **AND MISCELLANEOUS PROVISIONS**

13 **“SEC. 4751. [RESERVED].**

[Reserved]

14 **“Subpart I—Defense Industrial Base**

15 **“CHAPTER 381—DEFENSE INDUSTRIAL**

16 **BASE GENERALLY**

17 **“SEC. 4801. [RESERVED].**

[Reserved]

18 **“CHAPTER 383—LOAN GUARANTEE**

19 **PROGRAMS**

20 **“SEC. 4861. [RESERVED].**

[Reserved]

1 **“CHAPTER 385—PROCUREMENT TECH-**
 2 **NICAL ASSISTANCE COOPERATIVE**
 3 **AGREEMENT PROGRAM**

4 **“SEC. 4881. [RESERVED].**

[Reserved]

5 (b) TABLE OF CHAPTERS AMENDMENT.—The table
 6 of chapters at the beginning of subtitle A is amended by
 7 adding at the end the following new items:

8 **“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 Eval- uation	4451
“SUBPART G—OTHER SPECIAL CATEGORIES OF CONTRACTING	
“341. Contracting for Performance of Civilian Commercial or Indus- trial 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 Pro- gram	4881”.

1 **PART II—REDESIGNATION OF SECTIONS AND**
2 **CHAPTERS OF SUBTITLES B, C, AND D TO**
3 **PROVIDE ROOM FOR NEW PART V OF SUB-**
4 **TITLE A**

5 **SEC. 806 [Log 67562]. REDESIGNATION OF SECTIONS AND**
6 **CHAPTERS OF SUBTITLE D OF TITLE 10,**
7 **UNITED STATES CODE—AIR FORCE.**

8 (a) SUBTITLE D, PART III, SECTION NUMBERS.—

9 The sections in part III of subtitle D of title 10, United
10 States Code, are redesignated as follows:

11 (1) CHAPTER 909.—Each section in chapter 909
12 is redesignated so that the number of the section, as
13 redesignated, is the number equal to the previous
14 number plus 50.

15 (2) CHAPTER 907.—Each section in chapter 907
16 is redesignated so that the number of the section, as
17 redesignated, is the number equal to the previous
18 number plus 70.

19 (3) CHAPTERS 901 AND 903.—Each section in
20 chapter 901 and chapter 903 is redesignated so that
21 the number of the section, as redesignated, is the
22 number equal to the previous number plus 100.

23 (b) SUBTITLE D, PART II, SECTION NUMBERS.—The
24 sections in part II of such subtitle are redesignated as fol-
25 lows:

1 (1) CHAPTER 831.—Section 8210 is redesi-
2 gnated as section 9110.

3 (2) CHAPTER 833.—Sections 8251, 8252, 8257,
4 and 8258 are redesignated as sections 9131, 9132,
5 9137, and 9138, respectively.

6 (3) CHAPTER 835.—Sections 8281 and 8310
7 are redesignated as sections 9151 and 9160, respec-
8 tively.

9 (4) CHAPTER 839.—Section 8446 is redesi-
10 gnated as section 9176.

11 (5) CHAPTER 841.—Sections 8491 and 8503
12 are redesignated as sections 9191 and 9203, respec-
13 tively.

14 (6) CHAPTER 843.—Sections 8547 and 8548
15 are redesignated as sections 9217 and 9218, respec-
16 tively.

17 (7) CHAPTER 845.—Sections 8572, 8575, 8579,
18 8581, and 8583 are redesignated as sections 9222,
19 9225, 9229, 9231, and 9233, respectively.

20 (8) CHAPTER 849.—Section 8639 is redesi-
21 gnated as section 9239.

22 (9) CHAPTER 853.—Sections 8681, 8684, and
23 8691 are redesignated as sections 9251, 9252, and
24 9253, respectively.

1 (10) CHAPTER 855.—Section 8723 is redesi-
2 gnated as section 9263.

3 (11) CHAPTER 857.—Each section in chapter
4 857 is redesignated so that the number of the sec-
5 tion, as redesignated, is the number equal to the
6 previous number plus 530.

7 (12) CHAPTER 861.—Section 8817 is redesi-
8 gnated as section 9307.

9 (13) CHAPTER 867.—Each section in chapter
10 867 is redesignated so that the number of the sec-
11 tion, as redesignated, is the number equal to the
12 previous number plus 400.

13 (14) CHAPTER 869.—Sections 8961, 8962,
14 8963, 8964, 8965, and 8966 are redesignated as
15 sections 9341, 9342, 9343, 9344, 9345, and 9346,
16 respectively.

17 (15) CHAPTER 871.—Sections 8991 and 8992
18 are redesignated as sections 9361 and 9362, respec-
19 tively.

20 (16) CHAPTER 873.—Sections 9021, 9025, and
21 9027 are redesignated as sections 9371, 9375, and
22 9377, respectively.

23 (17) CHAPTER 875.—Section 9061 is redesi-
24 gnated as section 9381.

1 (c) SUBTITLE D, PART I, SECTION NUMBERS.—

2 Each section in part I of such subtitle is redesignated so
3 that the number of the section, as redesignated, is the
4 number equal to the previous number plus 1,000.

5 (d) SUBTITLE D CHAPTER NUMBERS.—

6 (1) PART IV CHAPTER NUMBERS.—Each chap-
7 ter in part IV of such subtitle is redesignated so
8 that the number of the chapter, as redesignated, is
9 the number equal to the previous number plus 30.

10 (2) PART III CHAPTER NUMBERS.—Each chap-
11 ter in part III of such subtitle is redesignated so
12 that the number of the chapter, as redesignated, is
13 the number equal to the previous number plus 50.

14 (3) PART II CHAPTER NUMBERS.—

15 (A) IN GENERAL.—Except as provided in
16 subparagraph (B), each chapter in part II of
17 such subtitle is redesignated so that the number
18 of the chapter, as redesignated, is the number
19 equal to the previous number plus 80.

20 (B) OTHER CHAPTERS.—

21 (i) Chapter 861 is redesignated as
22 chapter 939.

23 (ii) Chapters 867, 869, 871, 873, and
24 875 are each redesignated so that the
25 number of the chapter, as redesignated, is

1 the number equal to the previous number
2 plus 74.

3 (4) PART I CHAPTER NUMBERS.—Each chapter
4 in part I of such subtitle is redesignated so that the
5 number of the chapter, as redesignated, is the num-
6 ber equal to the previous number plus 100.

7 (e) SUBTITLE D TABLES OF SECTIONS AND TABLES
8 OF CHAPTERS.—

9 (1) TABLES OF SECTIONS.—The tables of sec-
10 tions at the beginning of the chapters of such sub-
11 title are revised so as to conform the section ref-
12 erences in those tables to the redesignations made
13 by subsections (a), (b), and (c).

14 (2) TABLES OF CHAPTERS.—The table of chap-
15 ters at the beginning of such subtitle, and the tables
16 of chapters at the beginning of each part of such
17 subtitle, are revised so as to conform the chapter
18 references and section references in those tables to
19 the redesignations made by this section.

1 **SEC. 807 [Log 67965]. REDESIGNATION OF SECTIONS AND**
2 **CHAPTERS OF SUBTITLE C OF TITLE 10,**
3 **UNITED STATES CODE—NAVY AND MARINE**
4 **CORPS.**

5 (a) SUBTITLE C, PART I, SECTION NUMBERS.—

6 (1) IN GENERAL.—Except as provided in para-
7 graph (2), each section in part I of subtitle C of title
8 10, United States Code, is redesignated so that the
9 number of the section, as redesignated, is the num-
10 ber equal to the previous number plus 3,000.

11 (2) CHAPTER 513.—For sections in chapter
12 513, each section is redesignated so that the number
13 of the section, as redesignated, is the number equal
14 to the previous number plus 2,940.

15 (b) SUBTITLE C, PART II, SECTION NUMBERS.—The
16 sections in part II of such subtitle are redesignated as fol-
17 lows:

18 (1) CHAPTER 533.—Sections 5441, 5450, and
19 5451 are redesignated as sections 8101, 8102, and
20 8103, respectively.

21 (2) CHAPTER 535.—Sections 5501, 5502, 5503,
22 and 5508 are redesignated as sections 8111, 8112,
23 8113, and 8118, respectively.

24 (3) CHAPTER 537.—Section 5540 is redesi-
25 gnated as section 8120.

1 (4) CHAPTER 539.—Sections 5582, 5585, 5587,
2 5587a, 5589, and 5596 are redesignated as sections
3 8132, 8135, 8137, 8138, 8139, and 8146, respec-
4 tively.

5 (5) CHAPTER 544.—Section 5721 is redesign-
6 nated as section 8151.

7 (6) CHAPTER 551.—Each section in chapter 551
8 is redesignated so that the number of the section, as
9 redesignated, is the number equal to the previous
10 number plus 2,220.

11 (7) CHAPTER 553.—Sections 5983, 5985, and
12 5986 are redesignated as sections 8183, 8185, and
13 8186, respectively.

14 (8) CHAPTER 555.—The sections in chapter 555
15 are redesignated as follows:

Section	Redesignated Section
6011	8211
6012	8212
6013	8213
6014	8214
6019	8215
6021	8216
6022	8217
6024	8218
6027	8219
6029	8220

Section	Redesignated Section
6031	8221
6032	8222
6035	8225
6036	8226

1 (9) CHAPTER 557.—Each section in chapter 557
2 is redesignated so that the number of the section, as
3 redesignated, is the number equal to the previous
4 number plus 2,160.

5 (10) CHAPTER 559.—Section 6113 is redesign-
6 nated as section 8253.

7 (11) CHAPTER 561.—The sections in chapter
8 561 are redesignated as follows:

Section	Redesignated Section
6141	8261
6151	8262
6152	8263
6153	8264
6154	8265
6155	8266
6156	8267
6160	8270
6161	8271

9 (12) CHAPTER 563.—Sections 6201, 6202, and
10 6203 are redesignated as sections 8281, 8282, and
11 8283, respectively.

1 (13) CHAPTER 565.—Sections 6221 and 6222
2 are redesignated as sections 8286 and 8287, respec-
3 tively.

4 (14) CHAPTER 567.—Each section in chapter
5 567 is redesignated so that the number of the sec-
6 tion, as redesignated, is the number equal to the
7 previous number plus 2,050.

8 (15) CHAPTER 569.—Section 6292 is redesi-
9 gnated as section 8317.

10 (16) CHAPTER 571.—Each section in chapter
11 571 is redesignated so that the number of the sec-
12 tion, as redesignated, is the number equal to the
13 previous number plus 2,000.

14 (17) CHAPTER 573.—Sections 6371, 6383,
15 6389, 6404, and 6408 are redesignated as sections
16 8371, 8372, 8373, 8374, and 8375, respectively.

17 (18) CHAPTER 575.—Sections 6483, 6484,
18 6485, and 6486 are redesignated as sections 8383,
19 8384, 8385, and 8386, respectively.

20 (19) CHAPTER 577.—Section 6522 is redesi-
21 gnated as section 8392.

22 (c) SUBTITLE C, PART III, SECTION NUMBERS.—

23 (1) IN GENERAL.—Except as provided in para-
24 graph (2), each section in part III of such subtitle
25 is redesignated so that the number of the section, as

1 redesignated, is the number equal to the previous
2 number plus 1,500.

3 (2) CHAPTER 609.—Sections 7101, 7102, 7103,
4 and 7104 are redesignated as sections 8591, 8592,
5 8593, and 8594, respectively.

6 (d) SUBTITLE C, PART IV, SECTION NUMBERS.—
7 The sections in part IV of such subtitle are redesignated
8 as follows:

9 (1) CHAPTER 631.—Each section in chapter 631
10 is redesignated so that the number of the section, as
11 redesignated, is the number equal to the previous
12 number plus 1,400.

13 (2) CHAPTER 633.—Each section in chapter 633
14 is redesignated so that the number of the section, as
15 redesignated, is the number equal to the previous
16 number plus 1,370.

17 (3) CHAPTER 637.—Sections 7361, 7362, 7363,
18 and 7364 are redesignated as sections 8701, 8702,
19 8703, and 8704, respectively.

20 (4) CHAPTER 639.—Sections 7395 and 7396
21 are redesignated as sections 8715 and 8716, respec-
22 tively.

23 (5) CHAPTER 641.—Each section in chapter 641
24 is redesignated so that the number of the section, as

1 redesignated, is the number equal to the previous
2 number plus 1,300.

3 (6) CHAPTER 643.—Sections 7472, 7473, 7476,
4 7477, 7478, 7479, and 7480 are redesignated as
5 sections 8742, 8743, 8746, 8747, 8748, 8749, and
6 8750, respectively.

7 (7) CHAPTER 645.—Sections 7522, 7523, and
8 7524 are redesignated as sections 8752, 8753, and
9 8754, respectively.

10 (8) CHAPTER 647.—The sections in chapter 647
11 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

12 (9) CHAPTERS 649, 651, 653, AND 655.—Each
13 section in chapters 649, 651, 653, and 655 is redesi-
14 gnated so that the number of the section, as redesi-
15 gnated, is the number equal to the previous number
16 plus 1,200.

1 (10) CHAPTER 657.—Each section in chapter
2 657 is redesignated so that the number of the sec-
3 tion, as redesignated, is the number equal to the
4 previous number plus 1,170.

5 (11) CHAPTER 659.—Sections 7851, 7852,
6 7853, and 7854 are redesignated as sections 8901,
7 8902, 8903, and 8904, respectively.

8 (12) CHAPTER 661.—Sections 7861, 7862, and
9 7863 are redesignated as sections 8911, 8912, and
10 8913, respectively.

11 (13) CHAPTER 663.—Section 7881 is redesi-
12 gnated as section 8921.

13 (14) CHAPTER 665.—Sections 7901, 7902, and
14 7903 are redesignated as sections 8931, 8932, and
15 8933, respectively.

16 (15) CHAPTER 667.—Sections 7912 and 7913
17 are redesignated as sections 8942 and 8943, respec-
18 tively.

19 (16) CHAPTER 669.—Section 7921 is redesi-
20 gnated as section 8951.

21 (e) SUBTITLE C CHAPTER NUMBERS.—

22 (1) PART I CHAPTER NUMBERS.—Each chapter
23 in part I of such subtitle is redesignated so that the
24 number of the chapter, as redesignated, is the num-

1 ber equal to the previous number plus 300, except
2 that chapter 513 is redesignated as chapter 809.

3 (2) PART II CHAPTER NUMBERS.—

4 (A) IN GENERAL.—Except as provided in
5 subparagraph (B), each chapter in part II of
6 such subtitle is redesignated so that the number
7 of the chapter, as redesignated, is the number
8 equal to the previous number plus 270.

9 (B) OTHER CHAPTERS.—Chapter 533 is
10 redesignated as chapter 811, chapter 535 is re-
11 designatd as chapter 812, chapter 537 is re-
12 designatd as chapter 813, chapter 539 is re-
13 designatd as chapter 815, and chapter 544 is
14 redesignatd as chapter 817.

15 (3) PART III CHAPTER NUMBERS.—Each chap-
16 ter in part III of such subtitle is redesignated so
17 that the number of the chapter, as redesignated, is
18 the number equal to the previous number plus 250.

19 (4) PART IV CHAPTER NUMBERS.—Each chap-
20 ter in part IV of such subtitle is redesignated so
21 that the number of the chapter, as redesignated, is
22 the number equal to the previous number plus 228,
23 except that chapter 631 is redesignated as chapter
24 861 and chapter 633 is redesignated as chapter 863.

1 (f) SUBTITLE C TABLES OF SECTIONS AND TABLES
2 OF CHAPTERS.—

3 (1) TABLES OF SECTIONS.—The table of sec-
4 tions at the beginning of each chapter of such sub-
5 title is revised so as to conform the section ref-
6 erences in the table to the redesignations made by
7 subsections (a), (b), (c), and (d).

8 (2) TABLES OF CHAPTERS.—The table of chap-
9 ters at the beginning of such subtitle, and the tables
10 of chapters at the beginning of each part of such
11 subtitle, are revised so as to conform the chapter
12 references and section references in those tables to
13 the redesignations made by this section.

1 **SEC. 808 [Log 67966]. REDESIGNATION OF SECTIONS AND**
2 **CHAPTERS OF SUBTITLE B OF TITLE 10,**
3 **UNITED STATES CODE—ARMY.**

4 (a) SUBTITLE B, PART I, SECTION NUMBERS.—
5 Each section in part I of subtitle B of title 10, United
6 States Code, is redesignated so that the number of the
7 section, as redesignated, is the number equal to the pre-
8 vious number plus 4,000.

9 (b) SUBTITLE B, PART II, SECTION NUMBERS.—The
10 sections in part II of such subtitle are redesignated as fol-
11 lows:

12 (1) CHAPTER 331.—Section 3210 is redesi-
13 gnated as section 7110.

14 (2) CHAPTER 333.—Sections 3251, 3258, and
15 3262 are redesignated as sections 7131, 7138, and
16 7142, respectively.

17 (3) CHAPTER 335.—Sections 3281, 3282, 3283,
18 and 3310 are redesignated as sections 7151, 7152,
19 7153, and 7160, respectively.

20 (4) CHAPTER 339.—Section 3446 is redesi-
21 gnated as sections 7176.

22 (5) CHAPTER 341.—Sections 3491 and 3503
23 are redesignated as sections 7191 and 7203, respec-
24 tively.

1 (6) CHAPTER 343.—Sections 3533, 3534, 3536,
2 3547 and 3548 are redesignated as sections 7213,
3 7214, 7316, 7217, and 7218, respectively.

4 (7) CHAPTER 345.—Sections 3572, 3575, 3579,
5 3581, and 3583 are redesignated as sections 7222,
6 7225, 7229, 7231, and 7233, respectively.

7 (8) CHAPTER 349.—Section 3639 is redesign-
8 nated as section 7239.

9 (9) CHAPTER 353.—Sections 3681, 3684, and
10 3691 are redesignated as sections 7251, 7252, and
11 7253, respectively.

12 (10) CHAPTER 355.—Section 3723 is redesign-
13 nated as section 7263.

14 (11) CHAPTER 357.—Each section in chapter
15 357 is redesignated so that the number of the sec-
16 tion, as redesignated, is the number equal to the
17 previous number plus 3,530.

18 (12) CHAPTER 367.—Each section in chapter
19 367 is redesignated so that the number of the sec-
20 tion, as redesignated, is the number equal to the
21 previous number plus 3,400.

22 (13) CHAPTER 369.—Sections 3961, 3962,
23 3963, 3964, 3965, and 3966 are redesignated as
24 sections 7341, 7342, 7343, 7344, 7345, and 7346,
25 respectively.

1 (14) CHAPTER 371.—Sections 3991 and 3992
2 are redesignated as sections 7361 and 7362, respec-
3 tively.

4 (15) CHAPTER 373.—Sections 4021, 4024,
5 4025, and 4027 are redesignated as sections 7371,
6 7374, 7375, and 7377, respectively.

7 (16) CHAPTER 375.—Section 4061 is redesign-
8 nated as section 7381.

9 (c) SUBTITLE B, PART III, SECTION NUMBERS.—

10 (1) IN GENERAL.—Except as provided in para-
11 graph (2), each section in part III of such subtitle
12 is redesignated so that the number of the section, as
13 redesignated, is the number equal to the previous
14 number plus 3,100.

15 (2) CHAPTER 407.—Each section in chapter 407
16 is redesignated so that the number of the section, as
17 redesignated, is the number equal to the previous
18 number plus 3,070.

19 (d) SUBTITLE B, PART IV, SECTION NUMBERS.—

20 Each section in part IV of such subtitle is redesignated
21 so that the number of the section, as redesignated, is the
22 number equal to the previous number plus 3,000.

23 (e) SUBTITLE B CHAPTER NUMBERS.—

24 (1) PART I CHAPTER NUMBERS.—Each chapter
25 in part I of such subtitle is redesignated so that the

1 number of the chapter, as redesignated, is the num-
2 ber equal to the previous number plus 400.

3 (2) PART II CHAPTER NUMBERS.—

4 (A) IN GENERAL.—Except as provided in
5 subparagraph (B), each chapter in part II of
6 such subtitle is redesignated so that the number
7 of the chapter, as redesignated, is the number
8 equal to the previous number plus 380.

9 (B) OTHER CHAPTERS.—Chapters 367,
10 369, 371, 373, and 375 are each redesignated
11 so that the number of the chapter, as redesi-
12 gnated, is the number equal to the previous
13 number plus 374.

14 (3) PART III CHAPTER NUMBERS.—Each chap-
15 ter in part III of such subtitle is redesignated so
16 that the number of the chapter, as redesignated, is
17 the number equal to the previous number plus 350.

18 (4) PART IV CHAPTER NUMBERS.—Each chap-
19 ter in part IV of such subtitle is redesignated so
20 that the number of the chapter, as redesignated, is
21 the number equal to the previous number plus 330.

22 (f) SUBTITLE B TABLES OF SECTIONS AND TABLES
23 OF CHAPTERS.—

24 (1) TABLES OF SECTIONS.—The table of sec-
25 tions at the beginning of each chapter of such sub-

1 title is revised so as to conform the section ref-
2 erences in the table to the redesignations made by
3 subsections (a), (b), (c), and (d).

4 (2) TABLES OF CHAPTERS.—The table of chap-
5 ters at the beginning of such subtitle, and the tables
6 of chapters at the beginning of each part of such
7 subtitle, are revised so as to conform the chapter
8 references and section references in those tables to
9 the redesignations made by this section.

1 **SEC. 809 [Log 67974]. CROSS REFERENCES TO REDESIG-**
2 **NATED SECTIONS AND CHAPTERS.**

3 (a) **AMENDMENTS TO REFERENCES IN TITLE 10.—**

4 Each provision of title 10, United States Code (including
5 the table of subtitles preceding subtitle A), that contains
6 a reference to a section or chapter redesignated by this
7 subtitle is amended so that the reference refers to the
8 number of the section or chapter as redesignated.

9 (b) **DEEMING RULE FOR OTHER REFERENCES.—**

10 Any reference in a provision of law other than title 10,
11 United States Code, to a section or chapter redesignated
12 by this subtitle shall be deemed to refer to the section or
13 chapter as so redesignated.

1 **PART III—REPEALS OF CERTAIN PROVISIONS OF**
2 **DEFENSE ACQUISITION LAW**

3 **SEC. 811 [Log 67092]. AMENDMENT TO AND REPEAL OF**
4 **STATUTORY REQUIREMENTS FOR CERTAIN**
5 **POSITIONS OR OFFICES IN THE DEPARTMENT**
6 **OF DEFENSE.**

7 (a) AMENDMENT TO STATUTORY REQUIREMENT FOR
8 DIRECTOR OF CORROSION POLICY AND OVERSIGHT.—

9 (1) IN GENERAL.—Section 2228 of title 10,
10 United States Code, is amended—

11 (A) by amending subsection (a) to read as
12 follows:

13 “(a) ESTABLISHMENT.—There is established an Of-
14 fice of Corrosion Policy and Oversight within the Depart-
15 ment of Defense, which shall be headed by a Director of
16 Corrosion Policy and Oversight.”;

17 (B) by striking subsections (b) and (c);

18 (C) by redesignating subsections (d), (e),
19 and (f) as subsections (b), (c), and (d), respec-
20 tively; and

21 (D) in subsection (c) (as so redesignated),
22 by striking “subsection (d)” each place it ap-
23 pears and inserting “subsection (b)”.

24 (2) CONFORMING AMENDMENT.—Section 1067
25 of the Bob Stump National Defense Authorization
26 Act for Fiscal Year 2003 (Public Law 107–314; 116

1 Stat. 2658, 2659; 10 U.S.C. 2228 note) is amended
2 by striking subsections (b), (c), (d), and (e).

3 (b) REPEAL OF STATUTORY REQUIREMENT FOR DI-
4 RECTOR OF THE OFFICE OF PERFORMANCE ASSESSMENT
5 AND ROOT CAUSE ANALYSIS.—

6 (1) REPEAL.—

7 (A) IN GENERAL.—Section 2438 of title
8 10, United States Code, is repealed.

9 (B) CLERICAL AMENDMENT.—The table of
10 sections at the beginning of chapter 144 of such
11 title is amended by striking the item relating to
12 section 2438.

13 (2) CONFORMING AMENDMENTS.—

14 (A) Section 131(b)(9) of such title is
15 amended by striking subparagraph (I).

16 (B) Section 2548(a) of such title is amend-
17 ed by striking “, the Director of Procurement
18 and Acquisition Policy, and the Director of the
19 Office of Performance Assessment and Root
20 Cause Analysis,” and inserting “and the Direc-
21 tor of Procurement and Acquisition Policy”.

22 (C) Section 882 of the Ike Skelton Na-
23 tional Defense Authorization Act for Fiscal
24 Year 2011 (Public Law 111–383; 10 U.S.C.

1 2222 note) is amended by striking subsection
2 (a).

3 (c) REPEAL OF STATUTORY REQUIREMENT FOR OF-
4 FICE OF TECHNOLOGY TRANSITION.—

5 (1) REPEAL.—Section 2515 of title 10, United
6 States Code, is repealed.

7 (2) CLERICAL AMENDMENT.—The table of sec-
8 tions at the beginning of subchapter III of chapter
9 148 of such title is amended by striking the item re-
10 lating to section 2515.

11 (d) REPEAL OF STATUTORY REQUIREMENT FOR OF-
12 FICE FOR FOREIGN DEFENSE CRITICAL TECHNOLOGY
13 MONITORING AND ASSESSMENT.—

14 (1) REPEAL.—Section 2517 of title 10, United
15 States Code, is repealed.

16 (2) CLERICAL AMENDMENT.—The table of sec-
17 tions at the beginning of subchapter III of chapter
18 148 of such title is amended by striking the item re-
19 lating to section 2517.

20 (e) REPEAL OF STATUTORY REQUIREMENT FOR
21 SMALL BUSINESS OMBUDSMAN FOR DEFENSE CONTRACT
22 AUDIT AGENCY AND DEFENSE CONTRACT MANAGEMENT
23 AGENCY.—

24 (1) REPEAL.—Section 204 of title 10, United
25 States Code, is repealed.

1 (2) CLERICAL AMENDMENT.—The table of sec-
2 tions at the beginning of subchapter II of chapter 8
3 of such title is amended by striking the item relating
4 to section 204.

5 (f) REPEAL OF STATUTORY REQUIREMENT FOR DE-
6 FENSE LOGISTICS AGENCY ADVOCATE FOR COMPETI-
7 TION.—

8 (1) REPEAL.—Section 2318 of title 10, United
9 States Code, is amended—

10 (A) by striking subsection (a); and

11 (B) by striking “(b)” before “Each advo-
12 cate”.

13 (2) TECHNICAL AMENDMENTS.—Such section is
14 further amended—

15 (A) by striking “advocate for competition
16 of” and inserting “advocate for competition
17 designated pursuant to section 1705(a) of title
18 41 for”; and

19 (B) by striking “a grade GS–16 or above
20 under the General Schedule (or in a comparable
21 or higher position under another schedule)” and
22 inserting “in a position classified above GS–15
23 pursuant to section 5108 of title 5”.

24 (g) SUNSET FOR STATUTORY DESIGNATION OF SEN-
25 IOR DEPARTMENT OF DEFENSE OFFICIAL WITH PRIN-

1 CIPAL RESPONSIBILITY FOR DIRECTED ENERGY WEAP-
2 ONS.—Section 219 of the National Defense Authorization
3 Act for Fiscal Year 2017 (Public Law 114–328; 10 U.S.C.
4 2431 note) is amended by adding at the end the following
5 new subsection:

6 “(d) SUNSET.—The provisions of subsection (a) and
7 of paragraphs (2) and (3) of subsection (b) shall cease
8 to be in effect as of September 30, 2022.”.

9 (h) REPEAL OF STATUTORY REQUIREMENT FOR
10 DESIGNATION OF INDIVIDUAL TO SERVE AS PRIMARY LI-
11 AISON BETWEEN THE PROCUREMENT AND RESEARCH
12 AND DEVELOPMENT ACTIVITIES OF THE UNITED STATES
13 ARMED FORCES AND THOSE OF THE STATE OF
14 ISRAEL.—Section 1006 of the National Defense Author-
15 ization Act, Fiscal Year 1989 (Public Law 100–456; 102
16 Stat. 2040; 10 U.S.C. 133a note) is repealed.

17 (i) REPEAL OF STATUTORY REQUIREMENT FOR DES-
18 IGNATION OF SENIOR OFFICIAL TO COORDINATE AND
19 MANAGE HUMAN SYSTEMS INTEGRATION ACTIVITIES RE-
20 LATED TO ACQUISITION PROGRAMS.—Section 231 of the
21 National Defense Authorization Act for Fiscal Year 2008
22 (Public Law 110–181; 122 Stat. 45; 10 U.S.C. 1701 note)
23 is amended—

24 (1) by striking “(a) IN GENERAL.—”; and

25 (2) by striking subsections (b), (c), and (d).

1 (j) REPEAL OF STATUTORY REQUIREMENT FOR DES-
2 IGNATION OF SENIOR OFFICIAL RESPONSIBLE FOR
3 FOCUS ON URGENT OPERATIONAL NEEDS AND RAPID
4 ACQUISITION.—Section 902 of the National Defense Au-
5 thorization Act for Fiscal Year 2013 (Public Law 112–
6 239; 126 Stat. 1865; 10 U.S.C. 2302 note) is repealed.

7 (k) REPEAL OF STATUTORY REQUIREMENT FOR
8 DESIGNATION OF SENIOR OFFICIAL RESPONSIBLE FOR
9 DUAL-USE PROJECTS UNDER DUAL-USE SCIENCE AND
10 TECHNOLOGY PROGRAM.—Section 203 of the National
11 Defense Authorization Act for Fiscal Year 1998 (Public
12 Law 105–85; 10 U.S.C. 2511 note) is amended by striking
13 subsection (e).

14 (l) REPEAL OF STATUTORY REQUIREMENT FOR DES-
15 IGNATION OF SENIOR OFFICIAL AS EXECUTIVE AGENT
16 FOR PRINTED CIRCUIT BOARD TECHNOLOGY.—Section
17 256 of the National Defense Authorization Act for Fiscal
18 Year 2009 (Public Law 110–417; 122 Stat. 4404; 10
19 U.S.C. 2501 note) is repealed.

1 **SEC. 812 [Log 67685]. REPEAL OF CERTAIN DEFENSE ACQUI-**
2 **SITION LAWS.**

3 (a) TITLE 10, UNITED STATES CODE.—

4 (1) SECTION 167A.—

5 (A) REPEAL.—Section 167a of title 10,
6 United States Code, is repealed.

7 (B) CLERICAL AMENDMENT.—The table of
8 sections at the beginning of chapter 6 of such
9 title is amended by striking the item relating to
10 section 167a.

11 (C) CONFORMING AMENDMENT.—Section
12 905(a)(1) of the John Warner National Defense
13 Authorization Act for Fiscal Year 2007 (Public
14 Law 109–364; 10 U.S.C. 133a note) is amend-
15 ed by striking “166b, 167, or 167a” and insert-
16 ing “166b or 167”.

17 (2) SECTION 2323.—

18 (A) REPEAL.—Section 2323 of title 10,
19 United States Code, is repealed.

20 (B) CLERICAL AMENDMENT.—The table of
21 sections at the beginning of chapter 137 of such
22 title is amended by striking the item relating to
23 section 2323.

24 (C) CONFORMING AMENDMENTS.—

25 (i) Section 853(c) of the National De-
26 fense Authorization Act for Fiscal Year

1 2004 (Public Law 108–136; 10 U.S.C.
2 2302 note) is amended by striking “section
3 2323 of title 10, United States Code,
4 and”.

5 (ii) Section 831(n) of the National
6 Defense Authorization Act for Fiscal Year
7 1991 (Public Law 101–510; 10 U.S.C.
8 2302 note) is amended—

9 (I) in paragraph (4), by inserting
10 “, as in effect on March 1, 2018”
11 after “section 2323 of title 10, United
12 States Code”; and

13 (II) in paragraph (6), by striking
14 “section 2323 of title 10, United
15 States Code, and”.

16 (iii) Subsection (d) of section 811 of
17 the National Defense Authorization Act for
18 Fiscal Year 1994 (Public Law 103–160;
19 10 U.S.C. 2323 note) is repealed.

20 (iv) Section 8304(1) of the Federal
21 Acquisition Streamlining Act of 1994 (10
22 U.S.C. 2375 note) is amended by striking
23 “section 2323 of title 10, United States
24 Code, or”.

1 (v) Section 10004(a)(1) of the Fed-
2 eral Acquisition Streamlining Act of 1994
3 (41 U.S.C. 1122 note) is amended by
4 striking “section 2323 of title 10, United
5 States Code, or”.

6 (vi) Section 2304(b)(2) of title 10,
7 United States Code, is amended by strik-
8 ing “and concerns other than” and all that
9 follows through “this title”.

10 (vii) Section 2304e(b) of title 10,
11 United States Code, is amended—

12 (I) by striking “other than—”
13 and all that follows through “small”
14 and inserting “other than small”;

15 (II) by striking “; or” and insert-
16 ing a period; and

17 (III) by striking paragraph (2).

18 (viii) Section 2323a(a) of title 10,
19 United States Code, is amended by strik-
20 ing “section 2323 of this title and”.

21 (ix) Section 15 of the Small Business
22 Act (15 U.S.C. 644) is amended—

23 (I) in subsection (j)(3), by strik-
24 ing “section 2323 of title 10, United
25 States Code,”;

1 (II) in subsection (k)(10)—
2 (aa) by striking “or section
3 2323 of title 10, United States
4 Code,” and all that follows
5 through “subsection (m),”; and
6 (bb) by striking “subsection
7 (a),” and inserting “subsection
8 (a) or”; and
9 (III) by amending subsection (m)
10 to read as follows:

11 “(m) ADDITIONAL DUTIES OF PROCUREMENT CEN-
12 TER REPRESENTATIVES.—All procurement center rep-
13 resentatives (including those referred to in subsection
14 (k)(6)), in addition to such other duties as may be as-
15 signed by the Administrator, shall increase, insofar as pos-
16 sible, the number and dollar value of procurements that
17 may be used for the programs established under this sec-
18 tion and section 8(a).”.

19 (x) Section 1902(b)(1) of title 41,
20 United States Code, is amended by strik-
21 ing “, section 2323 of title 10,”.

22 (3) SECTION 2332.—

23 (A) REPEAL.—Section 2332 of title 10,
24 United States Code, is repealed.

1 (B) CLERICAL AMENDMENT.—The table of
2 sections at the beginning of chapter 137 of such
3 title is amended by striking the item relating to
4 section 2332.

5 (b) OTHER PROVISIONS OF LAW.—The following pro-
6 visions of law are repealed:

7 (1) Section 801 of the Carl Levin and Howard
8 P. “Buck” McKeon National Defense Authorization
9 Act for Fiscal Year 2015 (Public Law 113–291; 10
10 U.S.C. 2223a note).

11 (2) Section 934 of the National Defense Au-
12 thorization Act for Fiscal Year 2013 (Public Law
13 112–239; 10 U.S.C. 2223a note).

14 (3) Section 804 of the National Defense Au-
15 thorization Act for Fiscal Year 2010 (Public Law
16 111–84; 10 U.S.C. 2223a note).

17 (4) Section 881 of the National Defense Au-
18 thorization Act for Fiscal Year 2008 (Public Law
19 110–181; 10 U.S.C. 2223a note).

20 (5) Section 854 of the National Defense Au-
21 thorization Act for Fiscal Year 2017 (Public Law
22 114–328; 10 U.S.C. 2302 note).

23 (6) Section 804 of the National Defense Au-
24 thorization Act for Fiscal Year 2013 (Public Law
25 112–239; 10 U.S.C. 2302 note).

1 (7) Section 829 of the National Defense Au-
2 thorization Act for Fiscal Year 2013 (Public Law
3 112–239; 10 U.S.C. 2302 note).

4 (8) Section 818(g) of the National Defense Au-
5 thorization Act for Fiscal Year 2012 (Public Law
6 112–81; 10 U.S.C. 2302 note).

7 (9) Section 815(b) of the National Defense Au-
8 thorization Act for Fiscal Year 2008 (Public Law
9 110–181; 10 U.S.C. 2302 note).

10 (10) Section 812 of the John Warner National
11 Defense Authorization Act for Fiscal Year 2007
12 (Public Law 109–364; 10 U.S.C. 2302 note).

13 (11) Section 817 of the National Defense Au-
14 thorization Act for Fiscal Year 2006 (Public Law
15 109–163; 10 U.S.C. 2302 note).

16 (12) Section 141 of the Ronald W. Reagan Na-
17 tional Defense Authorization Act for Fiscal Year
18 2005 (Public Law 108–375; 10 U.S.C. 2302 note).

19 (13) Section 801(b) of the National Defense
20 Authorization Act for Fiscal Year 2004 (Public Law
21 108–136; 10 U.S.C. 2302 note).

22 (14) Section 805(a) of the National Defense
23 Authorization Act for Fiscal Year 2004 (Public Law
24 108–136; 10 U.S.C. 2302 note).

1 (15) Section 352 of the Bob Stump National
2 Defense Authorization Act for Fiscal Year 2003
3 (Public Law 107–314; 10 U.S.C. 2302 note).

4 (16) Section 326 of the National Defense Au-
5 thorization Act for Fiscal Year 1993 (Public Law
6 102–484; 10 U.S.C. 2302 note).

7 (17) Section 9004 of the Department of De-
8 fense Appropriations Act, 1990 (Public Law 101–
9 165; 10 U.S.C. 2302 note).

10 (18) Section 895 of the National Defense Au-
11 thorization Act for Fiscal Year 2016 (Public Law
12 114–92; 10 U.S.C. 2304 note).

13 (19) Section 802 of the Duncan Hunter Na-
14 tional Defense Authorization Act for Fiscal Year
15 2009 (Public Law 110–417; 10 U.S.C. 2304 note).

16 (20) Section 821 of the National Defense Au-
17 thorization Act for Fiscal Year 2008 (Public Law
18 110–181; 10 U.S.C. 2304 note).

19 (21) Section 813 of the John Warner National
20 Defense Authorization Act for Fiscal Year 2007
21 (Public Law 109–364; 10 U.S.C. 2304 note).

22 (22) Section 391 of the National Defense Au-
23 thorization Act for Fiscal Year 1998 (Public Law
24 105–85; 10 U.S.C. 2304 note).

1 (23) Section 927(b) of Public Laws 99–500,
2 99–591, and 99–661 (10 U.S.C. 2304 note).

3 (24) Section 1222(b) of the National Defense
4 Authorization Act for Fiscal Year 1987 (Public Law
5 99–661; 10 U.S.C. 2304 note).

6 (25) Section 814(b) of the National Defense
7 Authorization Act for Fiscal Year 2010 (Public Law
8 111–84; 10 U.S.C. 2304a note).

9 (26) Section 834 of the John Warner National
10 Defense Authorization Act for Fiscal Year 2007
11 (Public Law 109–364; 10 U.S.C. 2304b note).

12 (27) Section 803 of the Strom Thurmond Na-
13 tional Defense Authorization Act for Fiscal Year
14 1999 (Public Law 105–261; 10 U.S.C. 2306a note).

15 (28) Section 1075 of the National Defense Au-
16 thorization Act for Fiscal Year 1995 (Public Law
17 103–337; 10 U.S.C. 2315 note).

18 (29) Section 824(a) of the Ike Skelton National
19 Defense Authorization Act for Fiscal Year 2011
20 (Public Law 111–383; 10 U.S.C. 2320 note).

21 (30) Section 818 of the National Defense Au-
22 thorization Act for Fiscal Year 1995 (Public Law
23 103–337; 10 U.S.C. 2324 note).

1 (31) Section 812 of the National Defense Au-
2 thorization Act for Fiscal Year 2010 (Public Law
3 111–84; 10 U.S.C. 2326 note).

4 (32) Sections 908(a), (b), (c), and (e) of Public
5 Laws 99–500, 99–591, and 99–661 (10 U.S.C.
6 2326 note).

7 (33) Section 882 of the National Defense Au-
8 thorization Act for Fiscal Year 2016 (Public Law
9 114–92; 10 U.S.C. 2330 note).

10 (34) Section 807 of the National Defense Au-
11 thorization Act for Fiscal Year 2012 (Public Law
12 112–81; 10 U.S.C. 2330 note).

13 (35) Section 805 of the National Defense Au-
14 thorization Act for Fiscal Year 2008 (Public Law
15 110–181; 10 U.S.C. 2330 note).

16 (36) Section 808 of the National Defense Au-
17 thorization Act for Fiscal Year 2008 (Public Law
18 110–181; 10 U.S.C. 2330 note).

19 (37) Section 812(b)–(c) of the National Defense
20 Authorization Act for Fiscal Year 2006 (Public Law
21 109–163; 10 U.S.C. 2330 note).

22 (38) Section 801(d)–(f) of the National Defense
23 Authorization Act for Fiscal Year 2002 (Public Law
24 107–107; 10 U.S.C. 2330 note).

1 (39) Section 802 of the National Defense Au-
2 thorization Act for Fiscal Year 2002 (Public Law
3 107–107; 10 U.S.C. 2330 note).

4 (40) Section 831 of the Duncan Hunter Na-
5 tional Defense Authorization Act for Fiscal Year
6 2009 (Public Law 110–417; 10 U.S.C. 2330a note).

7 (41) Section 1032 of the Bob Stump National
8 Defense Authorization Act for Fiscal Year 2003
9 (Public Law 107–314; 10 U.S.C. 2358 note).

10 (42) Section 241 of the Bob Stump National
11 Defense Authorization Act for Fiscal Year 2003
12 (Public Law 107–314; 10 U.S.C. 2358 note).

13 (43) Section 606 of Public Law 92–436 (10
14 U.S.C. 2358 note).

15 (44) Section 913(b) of the National Defense
16 Authorization Act for Fiscal Year 2000 (Public Law
17 106–65; 10 U.S.C. 2364 note).

18 (45) Sections 234(a) and (b) of the National
19 Defense Authorization Act for Fiscal Year 1987
20 (Public Law 99–661; 10 U.S.C. 2364 note).

21 (46) Section 943(b) of the National Defense
22 Authorization Act for Fiscal Year 2008 (Public Law
23 110–181; 10 U.S.C. 2366a note).

1 (47) Section 801 of the National Defense Au-
2 thORIZATION Act for Fiscal Year 1990 (Public Law
3 101–189; 10 U.S.C. 2399 note).

4 (48) Section 8133 of the Department of De-
5 fense Appropriations Act, 2000 (Public Law 106–
6 79; 10 U.S.C. 2401a note).

7 (49) Section 807(b) of the John Warner Na-
8 tional Defense Authorization Act for Fiscal Year
9 2007 (Public Law 109–364; 10 U.S.C. 2410p note).

10 (50) Section 825(c)(1)–(2) of the National De-
11 fense Authorization Act for Fiscal Year 2016 (Pub-
12 lic Law 114–92; 10 U.S.C. 2430 note).

13 (51) Section 1058 of the Carl Levin and How-
14 ard P. “Buck” McKeon National Defense Authoriza-
15 tion Act for Fiscal Year 2015 (Public Law 113–291;
16 10 U.S.C. 2430 note).

17 (52) Section 837 of the National Defense Au-
18 thORIZATION Act for Fiscal Year 1994 (Public Law
19 103–160; 10 U.S.C. 2430 note).

20 (53) Section 838 of the National Defense Au-
21 thORIZATION Act for Fiscal Year 1994 (Public Law
22 103–160; 10 U.S.C. 2430 note).

23 (54) Section 809 of the National Defense Au-
24 thORIZATION Act for Fiscal Year 1991 (Public Law
25 101–510; 10 U.S.C. 2430 note).

1 (55) Section 833 of the National Defense Au-
2 thorization Act for Fiscal Year 1994 (Public Law
3 103–160; 10 U.S.C. 2430 note).

4 (56) Section 839 of the National Defense Au-
5 thorization Act for Fiscal Year 1994 (Public Law
6 103–160; 10 U.S.C. 2430 note).

7 (57) Section 819 of the National Defense Au-
8 thorization Act for Fiscal Year 1995 (Public Law
9 103–337; 10 U.S.C. 2430 note).

10 (58) Section 5064 of the Federal Acquisition
11 Streamlining Act of 1994 (Public Law 103–355; 10
12 U.S.C. 2430 note).

13 (59) Section 803 of the National Defense Au-
14 thorization Act for Fiscal Year 1997 (Public Law
15 104–201; 10 U.S.C. 2430 note).

16 (60) Section 1215 of the Department of De-
17 fense Authorization Act, 1984 (Public Law 98–94;
18 10 U.S.C. 2452 note).

19 (61) Section 328 of the National Defense Au-
20 thorization Act for Fiscal Year 2010 (Public Law
21 111–84; 10 U.S.C. 2458 note).

22 (62) Section 347 of the Strom Thurmond Na-
23 tional Defense Authorization Act for Fiscal Year
24 1999 (Public Law 105–261; 10 U.S.C. 2458 note).

1 (63) Section 349 of the Strom Thurmond Na-
2 tional Defense Authorization Act for Fiscal Year
3 1999 (Public Law 105–261; 10 U.S.C. 2458 note).

4 (64) Section 395 of the National Defense Au-
5 thorization Act for Fiscal Year 1998 (Public Law
6 105–85; 10 U.S.C. 2458 note).

7 (65) Section 352 of the National Defense Au-
8 thorization Act for Fiscal Year 1996 (Public Law
9 104–106; 10 U.S.C. 2458 note).

10 (66) Section 325 of the Ronald W. Reagan Na-
11 tional Defense Authorization Act for Fiscal Year
12 2005 (Public Law 108–375; 10 U.S.C. 2461 note).

13 (67) Section 336 of the National Defense Au-
14 thorization Act for Fiscal Year 2004 (Public Law
15 108–136; 10 U.S.C. 2461 note).

16 (68) Section 353(a) of the National Defense
17 Authorization Act for Fiscal Year 1996 (Public Law
18 104–106; 10 U.S.C. 2461 note).

19 (69) Section 353(b) of the National Defense
20 Authorization Act for Fiscal Year 1996 (Public Law
21 104–106; 10 U.S.C. 2461 note).

22 (70) Section 356 of the National Defense Au-
23 thorization Act for Fiscal Year 1996 (Public Law
24 104–106; 10 U.S.C. 2461 note).

1 (71) Section 1010 of the USA Patriot Act of
2 2001 (Public Law 107–56; 10 U.S.C. 2465 note).

3 (72) Section 4101 of the National Defense Au-
4 thorization Act for Fiscal Year 1993 (Public Law
5 102–484; 10 U.S.C. 2500 note).

6 (73) Section 852 of the National Defense Au-
7 thorization Act for Fiscal Year 2012 (Public Law
8 112–81; 10 U.S.C. 2504 note).

9 (74) Section 823 of the National Defense Au-
10 thorization Act for Fiscal Year 2004 (Public Law
11 108–136; 10 U.S.C. 2521 note).

12 (75) Section 823 of the Ike Skelton National
13 Defense Authorization Act for Fiscal Year 2011
14 (Public Law 111–383; 10 U.S.C. 2533b note).

15 (76) Section 804(h) of the National Defense
16 Authorization Act for Fiscal Year 2008 (Public Law
17 110–181; 10 U.S.C. 2533b note).

18 (77) Section 842(b) of the John Warner Na-
19 tional Defense Authorization Act for Fiscal Year
20 2007 (Public Law 109–364; 10 U.S.C. 2533b note).

21 (78) Section 343 of the Floyd D. Spence Na-
22 tional Defense Authorization Act for Fiscal Year
23 2001 (as enacted into law by Public Law 106–398;
24 10 U.S.C. 4551 note).

1 **SEC. 813 [Log 67093]. REPEAL OF CERTAIN DEPARTMENT**
2 **OF DEFENSE REPORTING REQUIREMENTS.**

3 (a) AMENDMENTS TO TITLE 10, UNITED STATES
4 CODE.—Title 10, United States Code, is amended as fol-
5 lows:

6 (1) SECTION 118A.—Section 118a is amended
7 by striking subsection (d).

8 (2) SECTION 1116.—Section 1116 is amended
9 by striking subsection (d).

10 (3) SECTION 2275.—

11 (A) REPEAL.—Section 2275 is repealed.

12 (B) CLERICAL AMENDMENT.—The table of
13 sections at the beginning of chapter 135 is
14 amended by striking the item relating to section
15 2275.

16 (4) SECTION 2276.—Section 2276 is amended
17 by striking subsection (e).

18 (5) SECTION 10543.—

19 (A) REPEAL.—Section 10543 is repealed.

20 (B) CLERICAL AMENDMENT.—The table of
21 sections at the beginning of chapter 1013 is
22 amended by striking the item relating to section
23 10543.

24 (b) NDAA FOR FY 2007.—Section 122 of the John
25 Warner National Defense Authorization Act for Fiscal
26 Year 2007 (Public Law 109–364; 120 Stat. 2104), as

1 amended by section 121 of the National Defense Author-
2 ization Act for Fiscal Year 2014 (Public Law 113–66; 127
3 Stat. 691), is amended by striking subsection (d).

4 (c) NDAA FOR FY 2008.—The National Defense
5 Authorization Act for Fiscal Year 2008 (Public Law 110–
6 181) is amended—

7 (1) in section 911(f) (10 U.S.C. 2271 note)—

8 (A) in the subsection heading, by striking
9 “; BIENNIAL UPDATE”;

10 (B) in paragraph (3), by striking “, and
11 each update required by paragraph (2),”; and

12 (C) by striking paragraph (2) and redesign-
13 ating paragraph (3) as paragraph (2); and

14 (2) in section 1107 (10 U.S.C. 2358 note)—

15 (A) in subsection (c), by striking “dem-
16 onstration laboratory” and inserting “labora-
17 tory designated by the Secretary of Defense
18 under the provisions of section 342(b) of the
19 National Defense Authorization Act for Fiscal
20 Year 1995 (Public Law 103–337; 108 Stat.
21 2721)”; and

22 (B) by striking subsections (d) and (e).

23 (d) NDAA FOR FY 2009.—Section 1047(d) of the
24 Duncan Hunter National Defense Authorization Act for

1 Fiscal Year 2009 (Public Law 110–417; 10 U.S.C. 2366b
2 note) is amended—

3 (1) in the subsection heading, by striking
4 “BANDWIDTH” and all that follows through “The
5 Secretary” and inserting “BANDWIDTH REQUIRE-
6 MENTS.—The Secretary”; and

7 (2) by striking paragraph (2).

8 (e) NDAA FOR FY 2010.—Section 1244 of the Na-
9 tional Defense Authorization Act for Fiscal Year 2010
10 (Public Law 111–84; 22 U.S.C. 1928 note) is amended
11 by striking subsection (d).

12 (f) NDAA FOR FY 2011.—Section 1217 of the Ike
13 Skelton National Defense Authorization Act for Fiscal
14 Year 2011 (Public Law 111–383; 22 U.S.C. 7513 note)
15 is amended by striking subsection (i).

16 (g) NDAA FOR FY 2013.—The National Defense
17 Authorization Act for Fiscal Year 2013 (Public Law 112–
18 239) is amended—

19 (1) in section 524 (126 Stat. 1723; 10 U.S.C.
20 1222 note) by striking subsection (c); and

21 (2) in section 904(h) (10 U.S.C. 133 note)—

22 (A) by striking “REPORTS TO CONGRESS”
23 and all that follows through “(3) ADDITIONAL
24 CONGRESSIONAL NOTIFICATION.—” and insert-
25 ing “CONGRESSIONAL NOTIFICATION.—”; and

1 (B) by striking “Under Secretary of De-
2 fense for Acquisition, Technology, and Logis-
3 tics” and inserting “Under Secretary of De-
4 fense for Research and Engineering”.

5 (h) NDAA FOR FY 2015.—Section 1026(d) of the
6 Carl Levin and Howard P. “Buck” McKeon National De-
7 fense Authorization Act for Fiscal Year 2015 (Public Law
8 113–291; 128 Stat. 3490) is repealed.

9 (i) MILITARY CONSTRUCTION AUTHORIZATION ACT,
10 1982.—Section 703 of the Military Construction Author-
11 ization Act, 1982 (Public Law 97–99; 95 Stat. 1376) is
12 amended by striking subsection (g).

13 (j) CONFORMING AMENDMENTS.—

14 (1) NDAA FOR FY 2017.—Section 1061 of the
15 National Defense Authorization Act for Fiscal Year
16 2017 (Public Law 114–328; 10 U.S.C. 111 note) is
17 amended—

18 (A) in subsection (c), by striking para-
19 graphs (3), (28), (40), (41), and (63);

20 (B) in subsection (d), by striking para-
21 graph (3);

22 (C) in subsection (f), by striking para-
23 graphs (1) and (2);

24 (D) in subsection (g), by striking para-
25 graph (3);

1 (E) in subsection (h), by striking para-
2 graph (3); and

3 (F) in subsection (i), by striking para-
4 graphs (17), (19), and (24).

5 (2) NDAA FOR FY 2000.—Section 1031 of the
6 National Defense Authorization Act for Fiscal Year
7 2000 (Public Law 106–65; 113 Stat. 749; 31 U.S.C.
8 1113 note) is amended by striking paragraph (32).

1 **Subtitle B—Amendments to Gen-**
2 **eral Contracting Authorities,**
3 **Procedures, and Limitations**

4 **SEC. 821 [Log 67830]. CONTRACT GOAL FOR THE**
5 **ABILITYONE PROGRAM.**

6 (a) CONTRACT GOAL FOR THE ABILITYONE PRO-
7 GRAM.—Chapter 137 of title 10, United States Code, is
8 amended by inserting after the item relating to section
9 2323a the following new section:

10 **“§ 2323b. Contract goal for the AbilityOne program**

11 “(a) GOAL.—The Secretary of Defense shall establish
12 a goal for each fiscal year for the procurement of products
13 and services from the procurement list established pursu-
14 ant to section 8503 of title 41 of an amount equal to 1.5
15 percent of the total amount of funds obligated for con-
16 tracts entered into with the Department of Defense in
17 such fiscal year for procurement.

18 “(b) ANNUAL REPORT.—At the conclusion of each
19 fiscal year, the Secretary of Defense shall submit to the
20 Committee for Purchase From People Who Are Blind or
21 Severely Disabled (established under section 8502 of title
22 41) a report on the progress toward attaining the goal
23 established under subsection (a) with respect to such fiscal
24 year. The report shall include—

1 “(1) if the goal was not achieved, a plan to
2 achieve the goal in the next fiscal year; and

3 “(2) if the goal was achieved, a strategy to ex-
4 ceed the goal in the next fiscal year.”.

5 (b) CLERICAL AMENDMENT.—The table of sections
6 at the beginning of such chapter is amended by inserting
7 after the item relating to section 2323a the following new
8 item:

 “2323b. Contract goal for the AbilityOne program.”.

1 **SEC. 822 [Log 67097]. INCREASED MICRO-PURCHASE**
2 **THRESHOLD APPLICABLE TO DEPARTMENT**
3 **OF DEFENSE PROCUREMENTS.**

4 (a) IN GENERAL.—Section 2338 of title 10, United
5 States Code, is amended—

6 (1) by striking “Notwithstanding subsection (a)
7 of section 1902 of title 41, the” and inserting
8 “The”; and

9 (2) by striking “\$5,000” and inserting
10 “\$10,000”.

11 (b) CONFORMING AMENDMENTS.—

12 (1) REPEAL OF MICRO-PURCHASE THRESHOLD
13 FOR CERTAIN DEPARTMENT OF DEFENSE ACTIVI-
14 TIES.—

15 (A) IN GENERAL.—Section 2339 of title
16 10, United States Code, is repealed.

17 (B) CLERICAL AMENDMENT.—The table of
18 sections and the beginning of chapter 137 is
19 amended by striking the item relating to section
20 2339.

21 (2) MICRO-PURCHASE THRESHOLD FOR NON-
22 DEPARTMENT OF DEFENSE PURCHASES.—Section
23 1902(a)(1) of title 41, United States Code, is
24 amended by striking “sections 2338 and 2339 of
25 title 10 and”.

1 **SEC. 823 [Log 67882]. PREFERENCE FOR OFFERORS EM-**
2 **PLOYING VETERANS.**

3 (a) IN GENERAL.—Chapter 137 of title 10, United
4 States Code, is amended by adding at the end the fol-
5 lowing new section:

6 **“§ 2339a. Preference for offerors employing veterans**

7 “(a) PREFERENCE.—In awarding a contract for the
8 procurement of goods or services for the Department of
9 Defense, the head of an agency may establish a preference
10 for offerors that employ veterans on a full-time basis. The
11 Secretary of Defense shall determine the criteria for use
12 of such preference.

13 “(b) CONGRESSIONAL NOTIFICATION.—Prior to es-
14 tablishing the preference described in subsection (a), the
15 Secretary of Defense shall provide a briefing to the Com-
16 mittee on Armed Services of the House of Representatives
17 on—

18 “(1) a plan for implementing such preference,
19 including—

20 “(A) penalties for an offeror that willfully
21 and intentionally misrepresents the veteran sta-
22 tus of the employees of the offeror in a bid sub-
23 mitted under subsection (a); and

24 “(B) reporting on use of such preference;
25 and

1 “(2) the process for assessing and verifying of-
2 feror compliance with regulations relating to equal
3 opportunity for veterans requirements.”.

4 (b) CLERICAL AMENDMENT.—The table of sections
5 at the beginning of such chapter is amended by inserting
6 after the item relating to section 2339 the following new
7 item:

 “2339a. Preference for offerors employing veterans.”.

1 **SEC. 824 [Log 67899]. REVISION OF REQUIREMENT TO SUB-**
2 **MIT INFORMATION ON SERVICES CONTRACTS**
3 **TO CONGRESS.**

4 Section 2329(b) of title 10, United States Code, is
5 amended—

6 (1) by striking “October 1, 2022” and inserting
7 “October 1, 2020”; and

8 (2) in paragraph (1)—

9 (A) by striking “at or about” and inserting
10 “at or before”; and

11 (B) by inserting “or on the date on which
12 the future-years defense program is submitted
13 to Congress under section 221 of this title”
14 after “title 31”;

15 (3) in paragraph (3), by striking “and” at the
16 end;

17 (4) in paragraph (4), by striking the period at
18 the end and inserting “; and”; and

19 (5) by adding at the end the following new
20 paragraph:

21 “(5) be included in the future-years defense
22 program submitted to Congress under section 221 of
23 this title.”.

1 **SEC. 825 [Log 67706]. COMPETITION REQUIREMENTS FOR**
2 **PURCHASES FROM FEDERAL PRISON INDUS-**
3 **TRIES.**

4 (a) COMPETITION REQUIREMENTS FOR PURCHASES
5 FROM FEDERAL PRISON INDUSTRIES.—Subsections (a)
6 and (b) of section 2410n of title 10, United States Code,
7 are amended to read as follows:

8 “(a) MARKET RESEARCH.—Before purchasing a
9 product listed in the latest edition of the Federal Prison
10 Industries catalog published under section 4124(d) of title
11 18, the Secretary of Defense shall conduct market re-
12 search to determine whether such product—

13 “(1) is comparable to products available from
14 the private sector; and

15 “(2) best meets the needs of the Department of
16 Defense in terms of price, quality, and time of deliv-
17 ery.

18 “(b) COMPETITION REQUIREMENT.—If the Secretary
19 determines that a Federal Prison Industries product is not
20 comparable to products available from the private sector
21 and does not best meet the needs of the Department of
22 Defense in terms of price, quality, or time of delivery pur-
23 suant to subsection (a), the Secretary shall use competitive
24 procedures or make an individual purchase under a mul-
25 tiple award contract for the procurement of the product.
26 In conducting such a competition or making such a pur-

1 chase, the Secretary shall consider a timely offer from
2 Federal Prison Industries.”.

3 (b) **EFFECTIVE DATE.**—The amendment made by
4 subsection (a) shall take effect 60 days after the date of
5 the enactment of this Act.

1 **SEC. 826 [Log 67998]. REQUIREMENT FOR A FAIR AND REA-**
2 **SONABLE PRICE FOR TECHNICAL DATA BE-**
3 **FORE DEVELOPMENT OR PRODUCTION OF**
4 **MAJOR WEAPON SYSTEMS.**

5 Section 2439 of title 10, United States Code, is
6 amended—

7 (1) by inserting “, to the maximum extent prac-
8 ticable,” after “shall ensure”; and

9 (2) by inserting “fair and reasonable” after
10 “negotiates a”.

1 **SEC. 827 [Log 67091]. REVISIONS IN AUTHORITY RELATING**
2 **TO PROGRAM COST TARGETS AND FIELDING**
3 **TARGETS FOR MAJOR DEFENSE ACQUISITION**
4 **PROGRAMS.**

5 (a) REVISIONS IN AUTHORITY RELATING TO PRO-
6 GRAM COST AND FIELDING TARGETS.—Section 2448a of
7 title 10, United States Code, is amended—

8 (1) in subsection (a), by striking “the Secretary
9 of Defense” and inserting “the appropriate Sec-
10 retary”;

11 (2) by striking subsection (b); and

12 (3) by redesignating subsection (c) as sub-
13 section (b) and adding at the end of that subsection
14 the following new paragraph:

15 “(3) The term ‘appropriate Secretary’, with re-
16 spect to a major defense acquisition program,
17 means—

18 “(A) the Secretary of the military depart-
19 ment that is managing the program; or

20 “(B) in the case of a program for which an
21 alternate milestone decision authority is des-
22 ignated under section 2430(d)(2) of this title,
23 the Secretary of Defense.”.

24 (b) CONFORMING AMENDMENTS.—Such title is fur-
25 ther amended—

1 (1) in section 2366a(c)(1)(A) by striking “by
2 the Secretary of Defense”; and

3 (2) in section 2366b—

4 (A) in subsection (a)(3)(D), by striking
5 “Secretary of Defense” and inserting “appro-
6 priate Secretary (as defined in such section
7 2448a)”; and

8 (B) in subsection (c)(1)(A), by striking
9 “by the Secretary of Defense”.

1 **SEC. 828 [Log 67897]. REVISION OF TIMELINE FOR USE OF**
2 **THE RAPID FIELDING PATHWAY FOR ACQUI-**
3 **SITION PROGRAMS.**

4 Section 804(b)(2) of the National Defense Authoriza-
5 tion Act for Fiscal Year 2016 (Public Law 114–92; 10
6 U.S.C. 2302 note) is amended by striking “complete field-
7 ing within five years” and inserting “complete low-rate
8 initial production (as described under section 2400 of title
9 10, United States Code) within five years”.

1 **SEC. 829 [Log 67090]. CLARIFICATION OF SERVICES CON-**
2 **TRACTING DEFINITIONS.**

3 Not later than 180 days after the date of the enact-
4 ment of this Act, the Secretary of Defense shall revise the
5 Defense Federal Acquisition Regulation Supplement to
6 clarify the definitions of and relationships between terms
7 related to services contracts, including the appropriate use
8 of personal services contracts and nonpersonal services
9 contracts, and the responsibilities of individuals in the ac-
10 quisition workforce with respect to such contracts.

1 **Subtitle C—Provisions Relating to**
2 **Commercial Items**

3 **SEC. 831 [Log 67084]. REVISION OF DEFINITION OF COM-**
4 **MERCIAL ITEM FOR PURPOSES OF FEDERAL**
5 **ACQUISITION STATUTES.**

6 (a) DEFINITIONS IN CHAPTER 1 OF TITLE 41,
7 UNITED STATES CODE.—

8 (1) SEPARATION OF “COMMERCIAL ITEM” DEF-
9 INITION INTO DEFINITIONS OF “COMMERCIAL PROD-
10 UCT” AND “COMMERCIAL SERVICE”.—Chapter 1 of
11 title 41, United States Code, is amended by striking
12 section 103 and inserting the following new sections:

13 **“§ 103. Commercial product**

14 “In this subtitle, the term ‘commercial product’
15 means any of the following:

16 “(1) A product, other than real property,
17 that—

18 “(A) is of a type customarily used by the
19 general public or by nongovernmental entities
20 for purposes other than governmental purposes;
21 and

22 “(B) has been sold, leased, or licensed, or
23 offered for sale, lease, or license, to the general
24 public.

25 “(2) A product that—

1 “(A) evolved from a product described in
2 paragraph (1) through advances in technology
3 or performance; and

4 “(B) is not yet available in the commercial
5 marketplace but will be available in the com-
6 mercial marketplace in time to satisfy the deliv-
7 ery requirements under a Federal Government
8 solicitation.

9 “(3) A product that would satisfy the criteria in
10 paragraph (1) or (2) were it not for—

11 “(A) modifications of a type customarily
12 available in the commercial marketplace; or

13 “(B) minor modifications made to meet
14 Federal Government requirements.

15 “(4) Any combination of products meeting the
16 requirements of paragraph (1), (2), or (3) that are
17 of a type customarily combined and sold in combina-
18 tion to the general public.

19 “(5) A product, or combination of products, re-
20 ferred to in paragraphs (1) through (4), even though
21 the product, or combination of products, is trans-
22 ferred between or among separate divisions, subsidi-
23 aries, or affiliates of a contractor.

1 “(6) A nondevelopmental item if the procuring
2 agency determines, in accordance with conditions in
3 the Federal Acquisition Regulation, that—

4 “(A) the product was developed exclusively
5 at private expense; and

6 “(B) has been sold in substantial quan-
7 tities, on a competitive basis, to multiple State
8 and local governments or to multiple foreign
9 governments.

10 **“§ 103a. Commercial service**

11 “‘In this subtitle, the term ‘commercial service’ means
12 any of the following:

13 “(1) Installation services, maintenance services,
14 repair services, training services, and other services
15 if—

16 “(A) those services are procured for sup-
17 port of a commercial product, regardless of
18 whether the services are provided by the same
19 source or at the same time as the commercial
20 product; and

21 “(B) the source of the services provides
22 similar services contemporaneously to the gen-
23 eral public under terms and conditions similar
24 to those offered to the Federal Government;

1 “(2) Services of a type offered and sold com-
2 petitively, in substantial quantities, in the commer-
3 cial marketplace—

4 “(A) based on established catalog or mar-
5 ket prices;

6 “(B) for specific tasks performed or spe-
7 cific outcomes to be achieved; and

8 “(C) under standard commercial terms and
9 conditions.

10 “(3) A service described in paragraph (1) or
11 (2), even though the service is transferred between
12 or among separate divisions, subsidiaries, or affili-
13 ates of a contractor.”.

14 (2) CONFORMING AMENDMENTS TO TITLE 41
15 DEFINITIONS.—

16 (A) DEFINITION OF COMMERCIAL COMPO-
17 NENT.—Section 102 of such title is amended by
18 striking “commercial item” and inserting “com-
19 mercial product”.

20 (B) DEFINITION OF COMMERCIALY
21 AVAILABLE OFF-THE-SHELF ITEM.—Section
22 104(1)(A) is amended by striking “commercial
23 item” and inserting “commercial product”.

24 (C) DEFINITION OF NONDEVELOPMENTAL
25 ITEM.—Section 110(1) of such title is amended

1 by striking “commercial item” and inserting
2 “commercial product”.

3 (3) CLERICAL AMENDMENT.—The table of sec-
4 tions at the beginning of chapter 1 of title 41,
5 United States Code, is amended by striking the item
6 relating to section 103 and inserting the following
7 new items:

“103. Commercial product.
“103a. Commercial service.”.

8 (b) CONFORMING AMENDMENTS TO OTHER PROVI-
9 SIONS OF TITLE 41, UNITED STATES CODE.—Title 41,
10 United States Code, is further amended as follows:

11 (1) Section 1502(b) is amended—

12 (A) in paragraph (1)(A), by striking “com-
13 mercial items” and inserting “commercial prod-
14 ucts or commercial services”;

15 (B) in paragraph (1)(C)(i), by striking
16 “commercial item” and inserting “commercial
17 product or commercial service”; and

18 (C) in paragraph (3)(A)(i), by striking
19 “commercial items” and inserting “commercial
20 products or commercial services”.

21 (2) Section 1705(c) is amended by striking
22 “commercial items” and inserting “commercial prod-
23 ucts and commercial services”.

1 (3) Section 1708 is amended by striking “com-
2 mercial items” in subsections (c)(6) and (e)(3) and
3 inserting “commercial products or commercial serv-
4 ices”.

5 (4) Section 1901 is amended—

6 (A) in subsection (a)(2), by striking “com-
7 mercial items” and inserting “commercial prod-
8 ucts or commercial services”; and

9 (B) in subsection (e)—

10 (i) by striking “COMMERCIAL ITEMS”
11 in the subsection heading and inserting
12 “COMMERCIAL PRODUCTS AND COMMER-
13 CIAL SERVICES”; and

14 (ii) by striking “commercial items”
15 and inserting “commercial products or
16 commercial services”.

17 (5) Section 1903(c) is amended—

18 (A) in the subsection heading, by striking
19 “COMMERCIAL ITEM” and inserting “COMMER-
20 CIAL PRODUCT OR COMMERCIAL SERVICE”;

21 (B) in paragraph (1), by striking “as a
22 commercial item” and inserting “as a commer-
23 cial product or a commercial service”; and

24 (C) in paragraph (2), by striking “for an
25 item or service treated as a commercial item”

1 and inserting “for a product or service treated
2 as a commercial product or a commercial serv-
3 ice”.

4 (6)(A) Section 1906 is amended by striking
5 “commercial items” each place it appears in sub-
6 sections (b), (c), and (d) and inserting “commercial
7 products or commercial services”.

8 (B)(i) The heading of such section is amended
9 to read as follows:

10 **“§ 1906. List of laws inapplicable to procurements of**
11 **commercial products and commercial**
12 **services”.**

13 (ii) The table of sections at the beginning of
14 chapter 19 is amended by striking the item relating
15 to section 1906 and inserting the following new
16 item:

“1906. List of laws inapplicable to procurements of commercial products and
commercial services.”.

17 (7) Section 3304 is amended by striking “com-
18 mercial item” in subsections (a)(5) and (e)(4)(B)
19 and inserting “commercial product”.

20 (8) Section 3305(a)(2) is amended by striking
21 “commercial items” and inserting “commercial prod-
22 ucts or commercial services”.

1 (9) Section 3306(b) is amended by striking
2 “commercial items” and inserting “commercial prod-
3 ucts or commercial services”.

4 (10)(A) Section 3307 is amended—

5 (i) in subsection (a)—

6 (I) by striking “COMMERCIAL ITEMS”
7 in the subsection heading and inserting
8 “COMMERCIAL PRODUCTS AND COMMER-
9 CIAL SERVICES”;

10 (II) in paragraph (1), by striking
11 “commercial items” and inserting “com-
12 mercial products and commercial services”;
13 and

14 (III) in paragraph (2), by striking “a
15 commercial item” and inserting “a com-
16 mercial product or commercial service”;

17 (ii) in subsection (b)—

18 (I) in paragraph (2), by striking
19 “commercial items or, to the extent that
20 commercial items suitable to meet the ex-
21 ecutive agency’s needs are not available,
22 nondevelopmental items other than com-
23 mercial items” and inserting “commercial
24 services or commercial products or, to the
25 extent that commercial products suitable to

1 meet the executive agency’s needs are not
2 available, nondevelopmental items other
3 than commercial products”; and

4 (II) in paragraph (3), by striking
5 “commercial items and nondevelopmental
6 items other than commercial items” and
7 inserting “commercial services, commercial
8 products, and nondevelopmental items
9 other than commercial products”;

10 (iii) in subsection (c)—

11 (I) in paragraphs (1) and (2), by
12 striking “commercial items or nondevelop-
13 mental items other than commercial items”
14 and inserting “commercial services or com-
15 mercial products or nondevelopmental
16 items other than commercial products”;

17 (II) in paragraphs (3) and (4), by
18 striking “commercial items or, to the ex-
19 tent that commercial items suitable to
20 meet the executive agency’s needs are not
21 available, nondevelopmental items other
22 than commercial items” and inserting
23 “commercial services or commercial prod-
24 ucts or, to the extent that commercial
25 products suitable to meet the executive

1 agency’s needs are not available, non-
2 developmental items other than commercial
3 products”; and

4 (III) in paragraphs (5) and (6), by
5 striking “commercial items” and inserting
6 “commercial products and commercial
7 services”;

8 (iv) in subsection (d)(2), by striking “com-
9 mercial items or, to the extent that commercial
10 items suitable to meet the executive agency’s
11 needs are not available, nondevelopmental items
12 other than commercial items” and inserting
13 “commercial services or commercial products
14 or, to the extent that commercial products suit-
15 able to meet the executive agency’s needs are
16 not available, nondevelopmental items other
17 than commercial products”; and

18 (v) in subsection (e)—

19 (I) in paragraph (1), by inserting
20 “103a, 104,” after “sections 102, 103,”;

21 (II) in paragraph (2)(A), by striking
22 “commercial items” and inserting “com-
23 mercial products or commercial services”;

24 (III) in the first sentence of para-
25 graph (2)(B), by striking “commercial end

1 items” and inserting “end items that are
2 commercial products”;

3 (IV) in paragraphs (2)(B)(i), (2)(C)(i)
4 and (2)(D), by striking “commercial items
5 or commercial components” and inserting
6 “commercial products, commercial compo-
7 nents, or commercial services”;

8 (V) in paragraph (2)(C), in the mat-
9 ter preceding clause (i), by striking “com-
10 mercial items” and inserting “commercial
11 products or commercial services”;

12 (VI) in paragraph (4)(A), by striking
13 “commercial items” and inserting “com-
14 mercial products or commercial services”;

15 (VII) in paragraph (4)(C)(i), by strik-
16 ing “commercial item, as described in sec-
17 tion 103(5)” and inserting “commercial
18 product, as described in section 103a(1)”;
19 and

20 (VIII) in paragraph (5), by striking
21 “items” each place it appears and insert-
22 ing “products”.

23 (B)(i) The heading of such section is amended
24 to read as follows:

1 **“§ 3307. Preference for commercial products and**
2 **commercial services”.**

3 (ii) The table of sections at the beginning of
4 chapter 33 is amended by striking the item relating
5 to section 3307 and inserting the following new
6 item:

“3307. Preference for commercial products and commercial services.”.

7 (11) Section 3501 is amended—

8 (A) in subsection (a)—

9 (i) by striking paragraph (1);

10 (ii) by redesignating paragraphs (2)
11 and (3) as paragraphs (1) and (2), respec-
12 tively; and

13 (iii) in paragraph (2) (as so redesign-
14 nated), by striking “commercial items”
15 and inserting “commercial products or
16 commercial services”; and

17 (B) in subsection (b)—

18 (i) by striking “ITEM” in the heading
19 for paragraph (1); and

20 (ii) by striking “commercial items” in
21 paragraphs (1) and (2)(A) and inserting
22 “commercial services”.

23 (12) Section 3503 is amended—

1 (A) in subsection (a)(2), by striking “a
2 commercial item” and inserting “a commercial
3 product or a commercial service”; and

4 (B) in subsection (b)—

5 (i) by striking “COMMERCIAL ITEMS”
6 in the subsection heading and inserting
7 “COMMERCIAL PRODUCTS OR COMMER-
8 CIAL SERVICES”; and

9 (ii) by striking “a commercial item”
10 each place it appears and inserting “a
11 commercial product or a commercial serv-
12 ice”.

13 (13) Section 3505(b) is amended by striking
14 “commercial items” each place it appears and in-
15 serting “commercial products or commercial serv-
16 ices”.

17 (14) Section 3509(b) is amended by striking
18 “commercial items” and inserting “commercial prod-
19 ucts or commercial services”.

20 (15) Section 3704(c)(5) is amended by striking
21 “commercial item” and inserting “commercial prod-
22 uct”.

23 (16) Section 3901(b)(3) is amended by striking
24 “commercial items” and inserting “commercial prod-
25 ucts or commercial services”.

1 (17) Section 4301(2) is amended by striking
2 “commercial items” and inserting “commercial prod-
3 ucts or commercial services”.

4 (18)(A) Section 4505 is amended by striking
5 “commercial items” in subsections (a) and (c) and
6 inserting “commercial products or commercial serv-
7 ices”.

8 (B)(i) The heading of such section is amended
9 to read as follows:

10 **“§ 4505. Payments for commercial products and com-
11 mercial services”.**

12 (ii) The table of sections at the beginning of
13 chapter 45 is amended by striking the item relating
14 to section 4505 and inserting the following new
15 item:

“4505. Payments for commercial products and commercial services.”.

16 (19) Section 4704(d) is amended by striking
17 “commercial items” both places it appears and in-
18 serting “commercial products or commercial serv-
19 ices”.

20 (20) Sections 8102(a)(1), 8703(d)(2), and
21 8704(b) are amended by striking “commercial items
22 (as defined in section 103 of this title)” and insert-
23 ing “commercial products or commercial services (as
24 defined in sections 103 and 103a, respectively, of
25 this title)”.

1 (c) AMENDMENTS TO CHAPTER 137 OF TITLE 10,
2 UNITED STATES CODE.—Chapter 137 of title 10, United
3 States Code, is amended as follows:

4 (1) Section 2302(3) is amended—

5 (A) by redesignating subparagraphs (J),
6 (K), and (L) as subparagraphs (K), (L), and
7 (M); and

8 (B) by striking subparagraph (I) and in-
9 serting the following new subparagraphs (I) and
10 (J):

11 “(I) The term ‘commercial product’.

12 “(J) The term ‘commercial service’.”.

13 (2) Section 2304 is amended—

14 (A) in subsections (e)(5) and (f)(2)(B), by
15 striking “brand-name commercial item” and in-
16 serting “brand-name commercial product”;

17 (B) in subsection (g)(1)(B), by striking
18 “commercial items” and inserting “commercial
19 products or commercial services”; and

20 (C) in subsection (i)(3), by striking “com-
21 mercial items” and inserting “commercial prod-
22 ucts”.

23 (3) Section 2305 is amended—

1 (A) in subsection (a)(2), by striking “com-
2 mercial items” and inserting “commercial prod-
3 ucts or commercial services”; and

4 (B) in subsection (b)(5)(B)(v), by striking
5 “commercial item” and inserting “commercial
6 product”.

7 (4) Section 2306(b) is amended by striking
8 “commercial items” and inserting “commercial prod-
9 ucts or commercial services”.

10 (5) Section 2306a is amended—

11 (A) in subsection (b)—

12 (i) in paragraph (1)(B), by striking
13 “a commercial item” and inserting “a com-
14 mercial product or a commercial service”;

15 (ii) in paragraph (2)—

16 (I) by striking “COMMERCIAL
17 ITEMS” in the paragraph heading and
18 inserting “COMMERCIAL PRODUCTS
19 OR COMMERCIAL SERVICES”; and

20 (II) by striking “commercial
21 item” each place it appears and in-
22 serting “commercial product or com-
23 mercial services”;

24 (iii) in paragraph (3)—

1 (I) by striking “COMMERCIAL
2 ITEMS” in the paragraph heading and
3 inserting “COMMERCIAL PRODUCTS”;
4 and

5 (II) by striking “item” each place
6 it appears and inserting “product”;
7 and

8 (iv) in paragraph (4)—

9 (I) by striking “COMMERCIAL
10 ITEM” in the paragraph heading and
11 inserting “COMMERCIAL PRODUCT OR
12 COMMERCIAL SERVICE”;

13 (II) by striking “commercial
14 item” in subparagraph (A) after “ap-
15 plying the”;

16 (III) by striking “prior commer-
17 cial item determination” in subpara-
18 graph (A) and inserting “prior com-
19 mercial product or commercial service
20 determination”;

21 (IV) by striking “of such item”
22 in subparagraph (A) and inserting “of
23 such product or service”;

24 (V) by striking “of an item pre-
25 viously determined to be a commercial

1 item” in subparagraph (B) and insert-
2 ing “of a product or service previously
3 determined to be a commercial prod-
4 uct or a commercial service”;

5 (VI) by striking “of a commercial
6 item,” in subparagraph (B) and in-
7 sserting “of a commercial product or a
8 commercial service, as the case may
9 be,”;

10 (VII) by striking “the commer-
11 cial item determination” in subpara-
12 graph (B) and inserting “the commer-
13 cial product or commercial service de-
14 termination”;

15 (VIII) by striking “commercial
16 item” in subparagraph (C); and

17 (v) in paragraph (5), by striking
18 “commercial items” and inserting “com-
19 mercial products or commercial services”;

20 (B) in subsection (d)(2), by striking “com-
21 mercial items” each place it appears and insert-
22 ing “commercial products or commercial serv-
23 ices”; and

24 (C) in subsection (h)—

1 (i) in paragraph (2), by striking
2 “commercial items” and inserting “com-
3 mercial products or commercial services”;
4 and

5 (ii) by striking paragraph (3).

6 (6) Section 2307(f) is amended—

7 (A) by striking “COMMERCIAL ITEMS” in
8 the subsection heading and inserting “COMMER-
9 CIAL PRODUCTS AND COMMERCIAL SERVICES”;
10 and

11 (B) by striking “commercial items” in
12 paragraphs (1) and (2) and inserting “commer-
13 cial products and commercial services”.

14 (7) Section 2320(b) is amended—

15 (A) in paragraph (1), by striking “a com-
16 mercial item, the item” and inserting “a com-
17 mercial product, the product”; and

18 (B) in paragraph (9)(A), by striking “any
19 noncommercial item or process” and inserting
20 “any noncommercial product or process”.

21 (8) Section 2321(f) is amended—

22 (A) in paragraph (1)—

23 (i) by striking “commercial items”
24 and inserting “commercial products”; and

1 (ii) by striking “the item” both places
2 it appears and inserting “commercial prod-
3 ucts”; and

4 (B) in paragraph (2)(A), in clauses (i) and
5 (ii), by striking “commercial item” and insert-
6 ing “commercial product”.

7 (9) Section 2324(l)(1)(A) is amended by strik-
8 ing “commercial items” and inserting “commercial
9 products or commercial services”.

10 (10) Section 2335(b) is amended by striking
11 “commercial items” and inserting “commercial prod-
12 ucts and commercial services”.

13 (d) AMENDMENTS TO CHAPTER 140 OF TITLE 10,
14 UNITED STATES CODE.—Chapter 140 of title 10, United
15 States Code, is amended as follows:

16 (1) Section 2375 is amended—

17 (A) in subsection (a), by striking “commer-
18 cial item” in paragraphs (1) and (2) and insert-
19 ing “commercial product or commercial serv-
20 ice”;

21 (B) in subsections (b) and (c)—

22 (i) by striking “COMMERCIAL ITEMS”
23 in the subsection heading and inserting
24 “COMMERCIAL PRODUCTS AND COMMER-
25 CIAL SERVICES”; and

1 (ii) by striking “commercial items”
2 each place it appears and inserting “com-
3 mercial products and commercial services”;
4 and

5 (C) in subsection (e)(3), by striking “com-
6 mercial items” and inserting “commercial prod-
7 ucts and commercial services”.

8 (2) Section 2376(1) is amended—

9 (A) by striking “terms ‘commercial item,’”
10 and inserting “terms ‘commercial product’,
11 ‘commercial service,’”; and

12 (B) by striking “chapter 1 of title 41” and
13 inserting “sections 103, 103a, 110, 105, and
14 102, respectively, of title 41”.

15 (3) Section 2377 is amended—

16 (A) in subsection (a)—

17 (i) in paragraph (2), by striking
18 “commercial items or, to the extent that
19 commercial items suitable to meet the
20 agency’s needs are not available, non-
21 developmental items other than commercial
22 items” and inserting “commercial services
23 or commercial products or, to the extent
24 that commercial products suitable to meet
25 the agency’s needs are not available, non-

1 developmental items other than commercial
2 products”; and

3 (ii) in paragraph (3), by striking
4 “commercial items and nondevelopmental
5 items other than commercial items” and
6 inserting “commercial services, commercial
7 products, and nondevelopmental items
8 other than commercial products”;

9 (B) in subsection (b)—

10 (i) in paragraphs (1) and (2), by
11 striking “commercial items or nondevelop-
12 mental items other than commercial items”
13 and inserting “commercial services, com-
14 mercial products, or nondevelopmental
15 items other than commercial products”;

16 (ii) in paragraphs (3) and (4), by
17 striking “commercial items or, to the ex-
18 tent that commercial items suitable to
19 meet the agency’s needs are not available,
20 nondevelopmental items other than com-
21 mercial items” and inserting “commercial
22 services or commercial products or, to the
23 extent that commercial products suitable to
24 meet the agency’s needs are not available,

1 nondevelopmental items other than com-
2 mercial products”; and

3 (iii) in paragraphs (5) and (6), by
4 striking “commercial items” and inserting
5 “commercial products and commercial
6 services”;

7 (C) in subsection (c)—

8 (i) in paragraph (2), by striking
9 “commercial items or, to the extent that
10 commercial items suitable to meet the
11 agency’s needs are not available, non-
12 developmental items other than commercial
13 items” and inserting “commercial services
14 or commercial products or, to the extent
15 that commercial products suitable to meet
16 the agency’s needs are not available, non-
17 developmental items other than commercial
18 products”; and

19 (ii) in paragraph (4), by striking
20 “items other than commercial items” and
21 inserting “products other than commercial
22 products or services other than commercial
23 services”;

24 (D) in subsection (d)—

1 (i) in the first sentence, by striking
2 “commercial items” and inserting “com-
3 mercial products or commercial services”;

4 (ii) in paragraph (1), by striking
5 “items” and inserting “products or serv-
6 ices”; and

7 (iii) in paragraph (2), by striking
8 “items” and inserting “products or serv-
9 ices”; and

10 (E) in subsection (e)(1), by striking “com-
11 mercial items” and inserting “commercial prod-
12 ucts and commercial services”.

13 (4) Section 2379 is amended—

14 (A) by striking “COMMERCIAL ITEMS” in
15 the headings of subsections (b) and (c) and in-
16 serting “COMMERCIAL PRODUCTS”;

17 (B) in subsections (a)(1)(A), (b)(2), and
18 (c)(1)(B), by striking “, as defined in section
19 103 of title 41”; and

20 (C) by striking “commercial item” and
21 “commercial items” each place they appear and
22 inserting “commercial product” and “commer-
23 cial products”, respectively.

24 (5) Section 2380 is amended—

1 (A) in subsection (a), by striking “commer-
2 cial item determinations” in paragraphs (1) and
3 (2) and inserting “commercial product and
4 commercial service determinations”; and

5 (B) in subsection (b) (as added by section
6 848 of the National Defense Authorization Act
7 for Fiscal Year 2018)—

8 (i) by striking “ITEM” in the sub-
9 section heading;

10 (ii) by striking “an item” each place
11 it appears and inserting “a product or
12 service”;

13 (iii) by striking “item” after “using
14 commercial” each place it appears;

15 (iv) by striking “prior commercial
16 item determination” and inserting “prior
17 commercial product or service determina-
18 tion”;

19 (v) by striking “such item” and in-
20 serting “such product or service”; and

21 (vi) by striking “the item” both places
22 it appears and inserting “the product or
23 service”.

24 (6) Section 2380a is amended—

25 (A) in subsection (a)—

1 (i) by striking “items and” and insert-
2 ing “products and”; and

3 (ii) by striking “commercial items”
4 and inserting “commercial products and
5 commercial services, respectively,”; and

6 (B) in subsection (b), by striking “com-
7 mercial items” and inserting “commercial serv-
8 ices”.

9 (7) Section 2380B is amended by striking
10 “commercial item” and inserting “commercial prod-
11 uct”.

12 (8) AMENDMENTS TO HEADINGS, ETC.—

13 (A) The heading of such chapter is amend-
14 ed to read as follows:

15 **“CHAPTER 140—PROCUREMENT OF COM-**
16 **MERCIAL PRODUCTS AND COMMER-**
17 **CIAL SERVICES”.**

18 (B) The heading of section 2375 is amend-
19 ed to read as follows:

20 **“§ 2375. Relationship of other provisions of law to**
21 **procurement of commercial products and**
22 **commercial services”.**

23 (C) The heading of section 2377 is amend-
24 ed to read as follows:

1 **“§ 2377. Preference for commercial products and**
2 **commercial services”.**

3 (D) The heading of section 2379 is amend-
4 ed to read as follows:

5 **“§ 2379. Procurement of a major weapon system as a**
6 **commercial product: requirement for**
7 **prior determination by Secretary of De-**
8 **fense and notification to Congress”.**

9 (E) The heading of section 2380 is amend-
10 ed to read as follows:

11 **“§ 2380. Commercial product and commercial service**
12 **determinations by Department of De-**
13 **fense”.**

14 (F) The heading of section 2380a is
15 amended to read as follows:

16 **“§ 2380a. Treatment of certain products and services**
17 **as commercial products and commercial**
18 **services”.**

19 (G) Section 2380B is redesignated as sec-
20 tion 2380b and the heading of that section is
21 amended to read as follows:

22 **“§ 2380b. Treatment of commingled items purchased**
23 **by contractors as commercial products”.**

24 (H) The table of sections at the beginning
25 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.”.

1 (e) OTHER AMENDMENTS TO TITLE 10, UNITED
2 STATES CODE.—Title 10, United States Code, is further
3 amended as follows:

4 (1) Section 2226(b) is amended by striking “for
5 services” and all that follows through “deliverable
6 items” and inserting “for services or deliverable
7 items”.

8 (2) Section 2384(b)(2) is amended by striking
9 “commercial items” and inserting “commercial prod-
10 ucts”.

11 (3) Section 2393(d) is amended by striking
12 “commercial items (as defined in section 103 of title
13 41)” and inserting “commercial products or com-
14 mercial services (as defined in sections 103 and
15 103a, respectively, of title 41)”.

16 (4) Section 2402(d) is amended—

17 (A) in paragraph (1), by striking “com-
18 mercial items” both places it appears and in-

1 serting “commercial products or commercial
2 services”; and

3 (B) in paragraph (2), by striking “the
4 term” and all that follows and inserting “the
5 terms ‘commercial product’ and ‘commercial
6 service’ have the meanings given those terms in
7 sections 103 and 103a, respectively, of title
8 41.”.

9 (5) Section 2408(a)(4)(B) is amended by strik-
10 ing “commercial items (as defined in section 103 of
11 title 41)” and inserting “commercial products or
12 commercial services (as defined in sections 103 and
13 103a, respectively, of title 41)”.

14 (6) Section 2410b(c) is amended by striking
15 “commercial items” and inserting “commercial prod-
16 ucts”.

17 (7) Section 2410g(d)(1) is amended by striking
18 “Commercial items (as defined in section 103 of title
19 41)” and inserting “Commercial products or com-
20 mercial services (as defined in sections 103 and
21 103a, respectively, of title 41)”.

22 (8) Section 2447a is amended—

23 (A) in subsection (a)(2), by striking “com-
24 mercial items and technologies” and inserting
25 “commercial products and technologies”; and

1 (B) in subsection (c), by inserting before
2 the period at the end the following: “and the
3 term ‘commercial product’ has the meaning
4 given that term in section 103 of title 41”.

5 (9) Section 2451(d) is amended by striking
6 “commercial items” and inserting “commercial prod-
7 ucts (as defined in section 103 of title 41)”.

8 (10) Section 2464 is amended—

9 (A) in subsection (a)—

10 (i) in paragraph (3), by striking
11 “commercial items” and inserting “com-
12 mercial products or commercial services”;
13 and

14 (ii) in paragraph (5), by striking “The
15 commercial items covered by paragraph (3)
16 are commercial items” and inserting “The
17 commercial products or commercial serv-
18 ices covered by paragraph (3) are commer-
19 cial products (as defined in section 103 of
20 title 41) or commercial services (as defined
21 in section 103a of such title)”;

22 (B) in subsection (c)—

23 (i) by striking “COMMERCIAL ITEMS”
24 in the subsection heading and inserting

1 “COMMERCIAL PRODUCTS OR COMMER-
2 CIAL SERVICES”; and

3 (ii) by striking “commercial item” and
4 inserting “commercial product or commer-
5 cial service”.

6 (11) Section 2484(f) is amended—

7 (A) by striking “COMMERCIAL ITEMS” in
8 the subsection heading and inserting “COMMER-
9 CIAL PRODUCTS”; and

10 (B) by striking “commercial item” and in-
11 serting “commercial product”.

12 (12) The items relating to chapter 140 in the
13 tables of chapters at the beginning of subtitle A, and
14 at the beginning of part IV of subtitle A, are amend-
15 ed to read as follows:

**“140. Procurement of Commercial Products and Com-
mercial Services 2377”.**

16 (f) AMENDMENTS TO PROVISIONS OF NATIONAL DE-
17 FENSE AUTHORIZATION ACTS.—

18 (1) Section 806(b) of the National Defense Au-
19 thorization Act for Fiscal Years 1992 and 1993
20 (Public Law 102–190; 10 U.S.C. 2302 note) is
21 amended by striking “commercial items (as defined
22 in section 103 of title 41, United States Code)” and
23 inserting “commercial products or commercial serv-

1 ices (as defined in sections 103 and 103a, respec-
2 tively, of title 41, United States Code)”.

3 (2) Section 821(e) of the Floyd D. Spence Na-
4 tional Defense Authorization Act for Fiscal Year
5 2001 (as enacted into law by Public Law 106–398;
6 10 U.S.C. 2302 note) is amended—

7 (A) by striking paragraph (2); and

8 (B) by redesignating paragraph (3) as
9 paragraph (2).

10 (3) Section 821(b) of the National Defense Au-
11 thorization Act for Fiscal Year 2008 (Public Law
12 110–181; 10 U.S.C. 2304 note) is amended—

13 (A) in paragraph (1), by striking “a com-
14 mercial item” and inserting “a commercial
15 product or a commercial service”;

16 (B) in paragraph (2), by striking “com-
17 mercial item” and inserting “commercial prod-
18 uct”; and

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

21 “(3) The term ‘commercial service’ has the
22 meaning provided by section 103a of title 41, United
23 States Code.”.

24 (4) Section 817(d) of the Bob Stump National
25 Defense Authorization Act for Fiscal Year 2003

1 (Public Law 107–314; 10 U.S.C. 2306a note) is
2 amended—

3 (A) in paragraph (1), by striking “com-
4 mercial item exceptions” and inserting “com-
5 mercial product-commercial service exceptions”;
6 and

7 (B) in paragraph (2), by striking “com-
8 mercial item exception” and inserting “commer-
9 cial product-commercial service exception”;

10 (5) Section 852(b)(2)(A)(ii) of the National De-
11 fense Authorization Act for Fiscal Year 2007 (Pub-
12 lic Law 109–364; 10 U.S.C. 2324 note) is amended
13 by striking “a commercial item, as defined in section
14 103 of title 41” and inserting “a commercial prod-
15 uct or a commercial service, as defined in sections
16 103 and 103a, respectively, of title 41”.

17 (6) Section 805 of the National Defense Au-
18 thorization Act for Fiscal Year 2008 (Public Law
19 110–181; 10 U.S.C. 2330 note) is amended—

20 (A) in subsection (b), by striking “com-
21 mercial items” in paragraphs (1) and (2)(A)
22 and inserting “commercial services”; and

23 (B) in subsection (c)—

1 (i) by striking “ITEM” in the headings
2 for paragraphs (1) and (2) and inserting
3 “SERVICES”;

4 (ii) in the matter in paragraph (1)
5 preceding subparagraph (A), by striking
6 “commercial item” and inserting “commer-
7 cial service”;

8 (iii) in paragraph (1)(A), by striking
9 “a commercial item, as described in section
10 103(5) of title 41” and inserting “a serv-
11 ice, as described in section 103a(1) of title
12 41”;

13 (iv) in paragraph (1)(C)(i), by strik-
14 ing “section 103(6) of title 41” and insert-
15 ing “section 103a(2) of title 41”; and

16 (v) in paragraph (2), by striking
17 “item” and inserting “service”.

18 (7) Section 849(d) of the National Defense Au-
19 thorization Act for Fiscal Year 2017 (Public Law
20 114–328; 10 U.S.C. 2377 note) is amended—

21 (A) by striking “commercial items” in
22 paragraph (1) and inserting “commercial prod-
23 ucts”;

1 (B) by striking “commercial item” in para-
2 graph (3)(B)(i) and inserting “commercial
3 product”; and

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

6 “(5) DEFINITION.—In this subsection, the term
7 ‘commercial product’ has the meaning given that
8 term in section 103 of title 41.”.

9 (8) Section 856(a)(1) of the National Defense
10 Authorization Act for Fiscal Year 2016 (Public Law
11 114–92; 10 U.S.C. 2377 note) is amended by strik-
12 ing “commercial items or services” and inserting “a
13 commercial product or a commercial service, as de-
14 fined in sections 103 and 103a, respectively, of title
15 41,”.

16 (9) Section 879 of the National Defense Au-
17 thorization Act for Fiscal Year 2017 (Public Law
18 114–328; 10 U.S.C. 2302 note) is amended—

19 (A) in the section heading, by striking
20 “**Commercial items**” and inserting “**Com-
21 mercial products**”;

22 (B) in subsection (a), by striking “com-
23 mercial items” and inserting “commercial prod-
24 ucts”;

25 (C) in subsection (c)(3)—

1 (i) by striking “COMMERCIAL ITEMS”
2 in the paragraph heading and inserting
3 “COMMERCIAL PRODUCTS OR COMMERCIAL
4 SERVICES”; and

5 (ii) by striking “commercial items”
6 and inserting “commercial products or
7 commercial services”; and

8 (D) in subsection (e)(2), by striking
9 “item” in subparagraphs (A) and (B) and in-
10 serting “products”.

11 (10) Section 880 of the National Defense Au-
12 thorization Act for Fiscal Year 2017 (Public Law
13 114–328; 41 U.S.C. 3301 note) is amended by strik-
14 ing “commercial items” in subsection (a)(1) and in-
15 serting “commercial products”.

16 (g) CONFORMING AMENDMENTS TO OTHER STAT-
17 UTES.—

18 (1) Section 604(g) of the American Recovery
19 and Reinvestment Act of 2009 (6 U.S.C. 453b(g))
20 is amended—

21 (A) by striking “COMMERCIAL ITEMS” in
22 the subsection heading and inserting “COMMER-
23 CIAL PRODUCTS”;

24 (B) by striking “procurement of commer-
25 cial” in the first sentence and all that follows

1 through “items listed” and inserting “procure-
2 ment of commercial products notwithstanding
3 section 1906 of title 41, United States Code,
4 with the exception of commercial products list-
5 ed”; and

6 (C) in the second sentence—

7 (i) by inserting “product” after “com-
8 mercial”; and

9 (ii) by striking “in the” and all that
10 follows and inserting “in section 103 of
11 title 41, United States Code.”.

12 (2) Section 142 of the Higher Education Act of
13 1965 (20 U.S.C. 1018a) is amended—

14 (A) in subsection (e)—

15 (i) by striking “COMMERCIAL ITEMS”
16 in the subsection heading and inserting
17 “COMMERCIAL PRODUCTS AND COMMER-
18 CIAL SERVICES”;

19 (ii) by striking “that commercial
20 items” and inserting “that commercial
21 products or commercial services”;

22 (iii) by striking “special rules for com-
23 mercial items” and inserting “special rules
24 for commercial products and commercial
25 services”;

1 (iv) by striking “without regard to—
2 ” and all that follows through “dollar limi-
3 tation” and inserting “without regard to
4 any dollar limitation”;

5 (v) by striking “; and” and inserting
6 a period; and

7 (vi) by striking paragraph (2);

8 (B) in subsection (f)—

9 (i) by striking “ITEMS” in the sub-
10 section heading and inserting “PRODUCTS
11 AND SERVICES”;

12 (ii) by striking “ITEMS” in the head-
13 ing of paragraph (2) and inserting “PROD-
14 UCTS AND SERVICES”; and

15 (iii) by striking “a commercial item”
16 in paragraph (2) and inserting “a commer-
17 cial product or a commercial service”;

18 (C) in subsection (h)—

19 (i) by striking “ITEMS” in the sub-
20 section heading and inserting “SERVICES”;
21 and

22 (ii) by striking “commercial items” in
23 paragraph (1) and inserting “commercial
24 services”; and

25 (D) in subsection (l)—

1 (i) by redesignating paragraphs (2),
2 (3), (4), and (5) as paragraphs (3), (4),
3 (5), and (6), respectively;

4 (ii) by striking paragraph (1) and in-
5 serting the following new paragraphs:

6 “(1) COMMERCIAL PRODUCT.—The term ‘com-
7 mercial product’ has the meaning given the term in
8 section 103 of title 41, United States Code.

9 “(2) COMMERCIAL SERVICE.—The term ‘com-
10 mercial service’ has the meaning given the term in
11 section 103a of title 41, United States Code.”;

12 (iii) in paragraph (3), as so redesign-
13 ated, by striking “in section” and all that
14 follows and inserting “in section 152 of
15 title 41, United States Code.”;

16 (iv) in paragraph (5), as so redesign-
17 ated—

18 (I) by striking “COMMERCIAL
19 ITEMS” in the paragraph heading and
20 inserting “COMMERCIAL PRODUCTS
21 AND COMMERCIAL SERVICES”;

22 (II) by striking “commercial
23 items” and inserting “commercial
24 products and commercial services”;
25 and

1 (III) by striking “pursuant to”
2 and all that follows and inserting
3 “pursuant to sections 1901 and
4 3305(a) of title 41, United States
5 Code.”; and

6 (v) in paragraph (6), as so redesign-
7 nated, by striking “pursuant to” and all
8 that follows and inserting “pursuant to
9 sections 1901(a)(1) and 3305(a)(1) of title
10 41, United States Code.”.

11 (3) Section 3901(a)(4)(A)(ii)(II) of title 31,
12 United States Code, is amended by striking “com-
13 mercial item” and inserting “commercial product”.

14 (4) Section 2455(c)(1) of the Federal Acquisi-
15 tion Streamlining Act of 1994 (31 U.S.C. 6101
16 note) is amended by striking “commercial items”
17 and inserting “commercial products”.

18 (5) Section 508(f) of the Federal Water Pollu-
19 tion Control Act (33 U.S.C. 1368(f)) is amended—

20 (A) in paragraph (1), by striking “com-
21 mercial items” and inserting “commercial prod-
22 ucts or commercial services”; and

23 (B) in paragraph (2), by striking “the
24 term” and all that follows and inserting “the
25 terms ‘commercial product’ and ‘commercial

1 service' have the meanings given those terms in
2 sections 103 and 103a, respectively, of title 41,
3 United States Code.”.

4 (6) Section 3707 of title 40, United States
5 Code, is amended by striking “a commercial item (as
6 defined in section 103 of title 41)” and inserting “a
7 commercial product (as defined in section 103 of
8 title 41) or a commercial service (as defined in sec-
9 tion 103a of title 41)”.

10 (7) Subtitle III of title 40, United States Code,
11 is amended—

12 (A) in section 11101(1), by striking “COM-
13 MERCIAL ITEM.—The term ‘commercial item’
14 has” and inserting “COMMERCIAL PRODUCT.—
15 The term ‘commercial product’ has”; and

16 (B) in section 11314(a)(3), by striking
17 “items” each place it appears and inserting
18 “products”.

19 (8) Section 8301(g) of the Federal Acquisition
20 Streamlining Act of 1994 (42 U.S.C. 7606 note) is
21 amended by striking “commercial items” and insert-
22 ing “commercial products or commercial services”.

23 (9) Section 40118(f) of title 49, United States
24 Code, is amended—

1 (A) in paragraph (1), by striking “com-
2 mercial items” and inserting “commercial prod-
3 ucts”; and

4 (B) in paragraph (2), by striking “com-
5 mercial item” and inserting “commercial prod-
6 uct”.

7 (10) Chapter 501 of title 51, United States
8 Code, is amended—

9 (A) in section 50113(c)—

10 (i) by striking “COMMERCIAL ITEM”
11 in the subsection heading and inserting
12 “COMMERCIAL PRODUCT OR COMMERCIAL
13 SERVICE”; and

14 (ii) by striking “commercial item” in
15 the second sentence and inserting “com-
16 mercial product or commercial service”;
17 and

18 (B) in section 50115(b)—

19 (i) by striking “COMMERCIAL ITEM”
20 in the subsection heading and inserting
21 “COMMERCIAL PRODUCT OR COMMERCIAL
22 SERVICE”; and

23 (ii) by striking “commercial item” in
24 the second sentence and inserting “com-

1 mercial product or commercial service”;

2 and

3 (C) in section 50132(a)—

4 (i) by striking “COMMERCIAL ITEM”
5 in the subsection heading and inserting
6 “COMMERCIAL SERVICE”; and

7 (ii) by striking “commercial item” in
8 the second sentence and inserting “com-
9 mercial service”.

10 (h) SAVINGS PROVISION.—Any provision of law that
11 on the day before the effective date of this section is on
12 a list of provisions of law included in the Federal Acquisi-
13 tion Regulation pursuant to section 1907 of title 41,
14 United States Code, shall be deemed as of that effective
15 date to be on a list of provisions of law included in the
16 Federal Acquisition Regulation pursuant to section 1906
17 of such title.

1 **SEC. 832 [Log 67479]. DEFINITION OF SUBCONTRACT.**

2 (a) STANDARD DEFINITION IN TITLE 41, UNITED
3 STATES CODE.—

4 (1) IN GENERAL.—Chapter 1 of title 41, United
5 States Code, is amended—

6 (A) by redesignating sections 115 and 116
7 as sections 116 and 117, respectively; and

8 (B) by inserting after section 114 the fol-
9 lowing new section 115:

10 **“§ 115. Subcontract**

11 “(a) IN GENERAL.—In this subtitle, the term ‘sub-
12 contract’ means a contract entered into by a prime con-
13 tractor or subcontractor for the purpose of obtaining sup-
14 plies, materials, equipment, or services of any kind under
15 a prime contract. The term includes a transfer of a com-
16 mercial product or commercial service between divisions,
17 subsidiaries, or affiliates of a contractor or subcontractor.

18 “(b) MATTERS NOT INCLUDED.—In this subtitle, the
19 term ‘subcontract’ does not include—

20 “(1) a contract the costs of which are applied
21 to general and administrative expenses or indirect
22 costs; or

23 “(2) an agreement entered into by a contractor
24 or subcontractor for the supply of a commodity, a
25 commercial product, or a commercial service that is

1 intended for use in the performance of multiple con-
2 tracts.”.

3 (2) CLERICAL AMENDMENT.—The table of sec-
4 tions at the beginning of chapter 1 of title 41,
5 United States Code, is amended by striking the
6 items relating to sections 115 and 116 and inserting
7 the following new items:

“115. Subcontract.

“116. Supplies.

“117. Technical data.”.

8 (b) CONFORMING AMENDMENTS TO TITLE 41,
9 UNITED STATES CODE.—Title 41, United States Code, is
10 further amended as follows:

11 (1) Section 1502(b)(1) is amended—

12 (A) by striking subparagraph (A);

13 (B) by redesignating subparagraphs (B)
14 and (C) as subparagraphs (A) and (B), respec-
15 tively; and

16 (C) in subparagraph (B), as so redesign-
17 ated, by striking “Subparagraph (B)” and in-
18 serting “Subparagraph (A)”.

19 (2) Section 1906 is amended—

20 (A) in subsection (c)—

21 (i) by striking paragraph (1);

22 (ii) by redesignating paragraphs (2),
23 (3), and (4) as paragraphs (1), (2), and
24 (3), respectively;

1 (iii) in paragraph (1), as so redesignated,
2 nated, by striking “paragraph (3)” and in-
3 sserting “paragraph (2)”; and

4 (iv) in paragraph (2), as so redesignated,
5 nated, by striking “paragraph (2)” and in-
6 sserting “paragraph (1)”; and

7 (B) in subsection (e), by striking “(c)(3)”
8 both places it appears and inserting “(c)(2)”.

9 (3) Section 3307(e)(2) is amended—

10 (A) by striking subparagraph (A);

11 (B) by redesignating subparagraphs (B),
12 (C), (D), and (E) as subparagraphs (A), (B),
13 (C), and (D), respectively;

14 (C) in subparagraph (C), as so redesignated—
15 nated—

16 (i) by striking “subparagraph (B)”
17 and inserting “subparagraph (A)”; and

18 (ii) by striking “subparagraph (C)”
19 and inserting “subparagraph (B)”; and

20 (D) in subparagraph (D), as so redesignated,
21 nated, by striking “subparagraph (B)” and in-
22 sserting “subparagraph (A)”.

23 (4) Section 3501(a) is amended by striking
24 paragraph (3).

1 (c) INCORPORATION OF TITLE 41 DEFINITION IN
2 CHAPTERS 137 AND 140 OF TITLE 10, UNITED STATES
3 CODE.—

4 (1) DEFINITIONS FOR PURPOSES OF CHAPTER
5 137.—Section 2302(3) of title 10, United States
6 Code, is amended by adding at the end the following
7 new subparagraph:

8 “(N) The term ‘subcontract’.”.

9 (2) DEFINITIONS FOR PURPOSES OF CHAPTER
10 140.—

11 (A) Section 2375(c) of title 10, United
12 States Code, is amended—

13 (i) by striking paragraph (3); and

14 (ii) by redesignating paragraph (4) as
15 paragraph (3).

16 (B) Section 2376(1) of such title is amend-
17 ed by striking “and ‘commercial component’
18 have” and inserting “‘commercial component’,
19 and ‘subcontract’ have”.

1 **SEC. 833 [Log 67523]. LIMITATION ON APPLICABILITY TO**
2 **DEPARTMENT OF DEFENSE COMMERCIAL**
3 **CONTRACTS OF CERTAIN PROVISIONS OF**
4 **LAW AND CERTAIN EXECUTIVE ORDERS AND**
5 **REGULATIONS.**

6 (a) INAPPLICABILITY OF CERTAIN PROVISIONS OF
7 LAW.—

8 (1) SECTION 2375.—Section 2375 of title 10,
9 United States Code, is amended—

10 (A) in subsection (b)(2), by striking “Jan-
11 uary 1, 2015” and inserting “October 13,
12 1994”; and

13 (B) in subsections (b)(2), (c)(2), and
14 (d)(2), by striking “unless the” and all that fol-
15 lows and inserting a period.

16 (2) SECTION 2533A.—Section 2533a(i) of such
17 title is amended—

18 (A) in the subsection heading, by striking
19 “ITEMS” and inserting “PRODUCTS”; and

20 (B) by striking “commercial items” and in-
21 serting “commercial products”.

22 (3) SECTION 2533B.—Section 2533b(h) of such
23 title is amended—

24 (A) the subsection heading, by striking
25 “ITEMS” and inserting “PRODUCTS”; and

1 (B) by striking “commercial items” each
2 place it appears and inserting “commercial
3 products”.

4 (b) INAPPLICABILITY OF CERTAIN EXECUTIVE OR-
5 DERS AND REGULATIONS.—Chapter 140 of title 10,
6 United States Code, is amended by inserting after section
7 2375 the following new section:

8 **“§ 2375a. Applicability of certain Executive orders**
9 **and regulations**

10 “(a) EXECUTIVE ORDERS.—

11 “(1) COMMERCIAL CONTRACTS.—No Depart-
12 ment of Defense commercial contract shall be sub-
13 ject to an Executive order issued after the date of
14 the enactment of this section unless the Executive
15 order specifically provides that it is applicable to
16 contracts for the procurement of commercial prod-
17 ucts and commercial services by the Department of
18 Defense.

19 “(2) SUBCONTRACTS UNDER COMMERCIAL CON-
20 TRACTS.—No subcontract under a Department of
21 Defense commercial contract shall be subject to an
22 Executive order issued after the date of the enact-
23 ment of this section unless the Executive order spe-
24 cifically provides that it is applicable to subcontracts
25 under Department of Defense contracts for the pro-

1 curement of commercial products and commercial
2 services.

3 “(b) REGULATIONS AND POLICIES.—

4 “(1) COMMERCIAL CONTRACTS.—No Depart-
5 ment of Defense commercial contract shall be sub-
6 ject to any Department of Defense regulation or pol-
7 icy prescribed after the date of the enactment of this
8 section unless the regulation or policy specifically
9 provides that it is applicable to contracts for the
10 procurement of commercial products and commercial
11 services by the Department of Defense.

12 “(2) SUBCONTRACTS UNDER COMMERCIAL CON-
13 TRACTS.—No subcontract under a Department of
14 Defense commercial contract shall be subject to any
15 Department of Defense regulation or order pre-
16 scribed after the date of the enactment of this sec-
17 tion unless the regulation or policy specifically pro-
18 vides that it is applicable to subcontracts under De-
19 partment of Defense contracts for the procurement
20 of commercial products and commercial services.

21 “(c) DEPARTMENT OF DEFENSE COMMERCIAL CON-
22 TRACTS.—In this section, the term ‘Department of De-
23 fense commercial contract’ means a contract for the pro-
24 curement of a commercial product or commercial service
25 entered into by the Secretary of Defense.”.

1 (c) CLERICAL AMENDMENT.—The table of sections
2 at the beginning of such chapter is amended by inserting
3 after the item relating to section 2375 the following new
4 item:

“2375a. Applicability of certain Executive orders and regulations.”.

1 **SEC. 834 [Log 67168]. MODIFICATIONS TO PROCUREMENT**
2 **THROUGH COMMERCIAL E-COMMERCE POR-**
3 **TALS.**

4 Section 846 of the National Defense Authorization
5 Act for Fiscal Year 2018 (Public Law 115–91; 41 U.S.C.
6 1901 note) is amended—

7 (1) in subsection (f), by adding at the end the
8 following new paragraph:

9 “(5) A procurement of a product made through
10 a commercial e-commerce portal under the program
11 established pursuant to subsection (a) is deemed to
12 satisfy requirements for full and open competition
13 pursuant to section 2304 of title 10, United States
14 Code, and section 3301 of title 41, United States
15 Code, if—

16 “(A) there are offers from two or more
17 suppliers of such a product or similar product
18 with substantially the same physical, functional,
19 or performance characteristics on the online
20 marketplace; and

21 “(B) the Administrator establishes proce-
22 dures to implement subparagraph (A) and noti-
23 fies Congress at least 30 days before imple-
24 menting such procedures.”.

25 (2) by redesignating subsections (j) and (k) as
26 subsections (k) and (l), respectively; and

1 (3) by inserting after subsection (i) the fol-
2 lowing new subsection:

3 “(j) MICRO-PURCHASE THRESHOLD.—Notwith-
4 standing section 2338 of title 10, United States Code, and
5 section 1902 of title 41, United States Code, the micro-
6 purchase threshold for a procurement of a product
7 through a commercial e-commerce portal used under the
8 program established under subsection (a) is \$25,000.”.

1 **SEC. 842 [Log 67100]. REMOVAL OF NATIONAL INTEREST**
2 **DETERMINATION REQUIREMENTS FOR CER-**
3 **TAIN ENTITIES.**

4 (a) **IN GENERAL.**—Effective October 1, 2020, a cov-
5 ered NTIB entity operating under a special security agree-
6 ment pursuant to the National Industrial Security Pro-
7 gram shall not be required to obtain a national interest
8 determination as a condition for access to proscribed infor-
9 mation.

10 (b) **ACCELERATION AUTHORIZED.**—Notwithstanding
11 the effective date of this section, the Secretary of Defense,
12 in consultation with the Director of the Information Secu-
13 rity Oversight Office, may waive the requirement to obtain
14 a national interest determination for a covered NTIB enti-
15 ty operating under such a special security agreement that
16 has—

17 (1) a demonstrated successful record of compli-
18 ance with the National Industrial Security Program;
19 and

20 (2) previously been approved for access to pro-
21 scribed information.

22 (c) **DEFINITIONS.**—

23 (1) **COVERED NTIB ENTITY.**—The term “cov-
24 ered NTIB entity” means a person that is a sub-
25 sidiary located in the United States—

1 (A) for which the ultimate parent company
2 and any intermediate parent companies of such
3 subsidiary are located in a country that is part
4 of the national technology and industrial base
5 (as defined in section 2500 of title 10, United
6 States Code); and

7 (B) that is subject to the foreign owner-
8 ship, control, or influence requirements of the
9 National Industrial Security Program.

10 (2) PROSCRIBED INFORMATION.—The term
11 “proscribed information” means information that
12 is—

13 (A) classified at the level of top secret;

14 (B) communications security information
15 (excluding controlled cryptographic items when
16 un-keyed or utilized with unclassified keys);

17 (C) restricted data (as defined in section
18 11 of the Atomic Energy Act of 1954 (42
19 U.S.C. 2014));

20 (D) special access program information
21 under section 4.3 of Executive Order No.
22 13526 (75 Fed. Reg. 707; 50 U.S.C. 3161
23 note) or successor order; or

24 (E) designated as sensitive compartmented
25 information.

1 **SEC. 843 [Log 67694]. PILOT PROGRAM TO TEST MACHINE-**
2 **VISION TECHNOLOGIES TO DETERMINE THE**
3 **AUTHENTICITY AND SECURITY OF MICRO-**
4 **ELECTRONIC PARTS IN WEAPON SYSTEMS.**

5 (a) PILOT PROGRAM AUTHORIZED.—The Undersec-
6 retary of Defense for Research and Engineering, in coordi-
7 nation with the Defense Microelectronics Activity, shall es-
8 tablish a pilot program to test the feasibility and reliability
9 of using machine-vision technologies to determine the au-
10 thenticity and security of microelectronic parts in weapon
11 systems.

12 (b) OBJECTIVES OF PILOT PROGRAM.—The Under-
13 secretary of Defense for Research and Engineering, in co-
14 ordination with the Defense Microelectronics Activity,
15 shall design any pilot program conducted under this sec-
16 tion to determine the following:

17 (1) The effectiveness and technology readiness
18 level of machine-vision technologies to determine the
19 authenticity of microelectronic parts at the time of
20 the creation of such part through final insertion of
21 such part into weapon systems.

22 (2) The best method of incorporating machine-
23 vision technologies into the process of developing,
24 transporting, and inserting microelectronics into
25 weapon systems.

1 (3) The rules, regulations, or processes that
2 hinder the development and incorporation of ma-
3 chine-vision technologies, and the application of such
4 rules, regulations, or processes to mitigate counter-
5 feit microelectronics proliferation throughout the De-
6 partment of Defense.

7 (c) CONSULTATION.—To develop the pilot program
8 under this section, the Undersecretary of Defense for Re-
9 search and Engineering, in coordination with the Defense
10 Microelectronics Activity, may consult with the following
11 entities:

12 (1) Manufacturers of semiconductors or elec-
13 tronics.

14 (2) Industry associations relating to semi-
15 conductors or electronics.

16 (3) Original equipment manufacturers of prod-
17 ucts for the Department of Defense.

18 (4) Nontraditional defense contractors (as de-
19 fined in section 2302(9) of title 10, United States
20 Code) that are machine vision companies.

21 (5) Federal laboratories (as defined in section
22 2500(5) of title 10, United States Code).

23 (6) Other elements of the Department of De-
24 fense that fall under the authority of the Undersec-
25 retary of Defense for Research and Engineering.

1 (d) COMMENCEMENT AND DURATION.—The pilot
2 program established under this section shall be established
3 not later than April 1, 2019, and all activities under such
4 pilot program shall terminate not later than December 31,
5 2020.

1 **Subtitle E—Small Business Matters**

2 **SEC. 851 [Log 67088]. DEPARTMENT OF DEFENSE SMALL** 3 **BUSINESS STRATEGY.**

4 (a) IN GENERAL.—Chapter 136 of title 10, United
5 States Code, is amended by adding at the end the fol-
6 lowing new section:

7 **“§ 2283. Department of Defense small business strat-** 8 **egy**

9 “(a) IN GENERAL.—The Secretary of Defense shall
10 implement a small business strategy for the Department
11 of Defense that meets the requirements of this section.

12 “(b) UNIFIED MANAGEMENT STRUCTURE.—As part
13 of the small business strategy described in subsection (a),
14 the Secretary shall ensure that there is a unified manage-
15 ment structure within the Department for the functions
16 of the Department relating to—

17 “(1) programs and activities related to small
18 business concerns (as defined in section 3 of the
19 Small Business Act);

20 “(2) manufacturing and industrial base policy;
21 and

22 “(3) any procurement technical assistance pro-
23 gram established under chapter 142 of this title.

24 “(c) PURPOSE OF SMALL BUSINESS PROGRAMS.—
25 The Secretary shall ensure that programs and activities

1 of the Department of Defense related to small business
2 concerns are carried out so as to further national defense
3 programs and priorities and the statements of purpose for
4 Department of Defense acquisition set forth in section 801
5 of the National Defense Authorization Act for Fiscal Year
6 2018 (Public Law 115–91; 131 Stat. 1449).

7 “(d) POINTS OF ENTRY INTO DEFENSE MARKET.—

8 The Secretary shall ensure—

9 “(1) that opportunities for small business con-
10 cerns to contract with the Department of Defense
11 are identified clearly; and

12 “(2) that small business concerns are able to
13 have access to program managers, contracting offi-
14 cers, and other persons using the products or serv-
15 ices of such concern to the extent necessary to in-
16 form such persons of emerging and existing capabili-
17 ties of such concerns.

18 “(e) ENHANCED OUTREACH UNDER PROCUREMENT
19 TECHNICAL ASSISTANCE PROGRAM MARKET.—The Sec-
20 retary shall enable and promote activities to provide co-
21 ordinated outreach to small business concerns through any
22 procurement technical assistance program established
23 under chapter 142 of this title to facilitate small business
24 contracting with the Department of Defense.”.

25 (b) IMPLEMENTATION.—

1 (1) DEADLINE.—The Secretary of Defense shall
2 develop the small business strategy required by sec-
3 tion 2283 of title 10, United States Code, as added
4 by subsection (a), not later than 180 days after the
5 date of the enactment of this Act.

6 (2) NOTICE TO CONGRESS AND PUBLICATION.—
7 Upon completion of the development of the small
8 business strategy pursuant to paragraph (1), the
9 Secretary shall—

10 (A) transmit the strategy to Congress; and

11 (B) publish the strategy on a public
12 website of the Department of Defense.

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

“2283. Department of Defense small business strategy.”.

1 **SEC. 852 [Log 67835]. INCREASED PARTICIPATION IN THE**
2 **SMALL BUSINESS ADMINISTRATION**
3 **MICROLOAN PROGRAM.**

4 (a) DEFINITIONS.—In this section—

5 (1) the term “intermediary” has the meaning
6 given that term in section 7(m)(11) of the Small
7 Business Act (15 U.S.C. 636(m)(11)); and

8 (2) the term “microloan program” means the
9 program established under section 7(m) of the Small
10 Business Act (15 U.S.C. 636(m)).

11 (b) MICROLOAN INTERMEDIARY LENDING LIMIT IN-
12 CREASED.—Section 7(m)(3)(C) of the Small Business Act
13 (15 U.S.C. 636(m)(3)(C)) is amended by striking
14 “\$5,000,000” and inserting “\$6,000,000”.

15 (c) MICROLOAN TECHNICAL ASSISTANCE.—Section
16 7(m)(4)(E) of the Small Business Act (15 U.S.C.
17 636(m)(4)(E)) is amended by striking “25 percent” each
18 place such term appears and inserting “50 percent”.

19 (d) SBA STUDY OF MICROENTERPRISE PARTICIPA-
20 TION.—Not later than 1 year after the date of enactment
21 of this section, the Administrator of the Small Business
22 Administration shall conduct a study and submit to the
23 Committee on Small Business and Entrepreneurship of
24 the Senate and the Committee on Small Business of the
25 House of Representatives a report on—

1 (1) the operations (including services provided,
2 structure, size, and area of operation) of a rep-
3 resentative sample of—

4 (A) intermediaries that are eligible to par-
5 ticipate in the microloan program and that do
6 participate; and

7 (B) intermediaries that are eligible to par-
8 ticipate in the microloan program and that do
9 not participate;

10 (2) the reasons why eligible intermediaries de-
11 scribed in paragraph (1)(B) choose not to partici-
12 pate in the microloan program;

13 (3) recommendations on how to encourage in-
14 creased participation in the microloan program by
15 eligible intermediaries described in paragraph
16 (1)(B); and

17 (4) recommendations on how to decrease the
18 costs associated with participation in the microloan
19 program for eligible intermediaries.

20 (e) GAO STUDY ON MICROLOAN INTERMEDIARY
21 PRACTICES.—Not later than 1 year after the date of en-
22 actment of this section, the Comptroller General of the
23 United States shall submit to the Committee on Small
24 Business and Entrepreneurship of the Senate and the

1 Committee on Small Business of the House of Representa-
2 tives a report evaluating—

3 (1) oversight of the microloan program by the
4 Small Business Administration, including oversight
5 of intermediaries participating in the microloan pro-
6 gram; and

7 (2) the specific processes used by the Small
8 Business Administration to ensure—

9 (A) compliance by intermediaries partici-
10 pating in the microloan program; and

11 (B) the overall performance of the
12 microloan program.

1 **SEC. 854 [Log 67833]. AMENDMENTS TO THE SMALL BUSI-**
2 **NESS INVESTMENT ACT OF 1958.**

3 (a) INVESTMENT IN SMALL BUSINESS INVESTMENT
4 COMPANIES.—Section 302(b) of the Small Business In-
5 vestment Act of 1958 (15 U.S.C. 682(b)) is amended—

6 (1) in paragraph (1), by inserting before the pe-
7 riod the following: “or, subject to the approval of the
8 appropriate Federal banking agency, 15 percent of
9 such capital and surplus”;

10 (2) in paragraph (2), by inserting before the pe-
11 riod the following: “or, subject to the approval of the
12 appropriate Federal banking agency, 15 percent of
13 such capital and surplus”; and

14 (3) by adding at the end the following:

15 “(3) APPROPRIATE FEDERAL BANKING AGENCY
16 DEFINED.—For purposes of this subsection, the
17 term ‘appropriate Federal banking agency’ has the
18 meaning given that term under section 3 of the Fed-
19 eral Deposit Insurance Act.”.

20 (b) INCREASE TO MAXIMUM LEVERAGE LIMIT.—Sec-
21 tion 303(b)(2)(A)(ii) of the Small Business Investment
22 Act of 1958 (15 U.S.C. 683(b)(2)(A)(ii)) is amended by
23 striking “\$150,000,000” and inserting “\$175,000,000”.

1 **SEC. 856 [Log 67832]. FUNDING FOR PROCUREMENT TECH-**
2 **NICAL ASSISTANCE PROGRAM.**

3 (a) AMOUNT OF ASSISTANCE FROM SECRETARY.—
4 Section 2413(b) of title 10, United States Code, is amend-
5 ed—

6 (1) by striking “not more than 65 percent” and
7 inserting “not more than 75 percent”; and

8 (2) in paragraph (1), by striking “more than 65
9 percent, but not more than 75 percent” and insert-
10 ing “more than 75 percent, but not more than 85
11 percent”.

12 (b) FUNDING FOR ELIGIBLE ENTITIES.—Section
13 2414(a) of such title is amended—

14 (1) in paragraph (1), by striking “\$750,000”
15 and inserting “\$1,000,000”;

16 (2) in paragraph (2), by striking “\$450,000”
17 and inserting “\$750,000”;

18 (3) in paragraph (3), by striking “\$300,000”
19 and inserting “\$450,000”; and

20 (4) in paragraph (4), by striking “\$750,000”
21 and inserting “\$1,000,000”.

1 **Subtitle F—Other Matters**

2 **SEC. 861 [Log 67098]. REMOVAL OF REQUIREMENT FOR**
3 **RISK AND SENSITIVITY ANALYSIS OF BASE-**
4 **LINE ESTIMATES IN SELECTED ACQUISITION**
5 **REPORTS.**

6 Section 2432(c)(1)(B) of title 10, United States
7 Code, is amended by striking “, along with the associated
8 risk and sensitivity analysis of that estimate” each place
9 it appears.

1 **SEC. 862 [Log 67883]. EXPEDITED HIRING AUTHORITY FOR**
2 **SHORTAGE CATEGORY POSITIONS IN THE AC-**
3 **QUISITION WORKFORCE.**

4 Section 1703(j) of title 41, United States Code, is
5 amended—

6 (1) in paragraph (1)—

7 (A) by striking “sections 3304, 5333, and
8 5753 of title 5” and inserting “section 3304 of
9 title 5”;

10 (B) by striking “authorities in those sec-
11 tions” and inserting “authority in such sec-
12 tion”; and

13 (C) by striking “certain Federal acquisi-
14 tion positions (as described in subsection
15 (g)(1)(A))” and inserting “the Federal acquisi-
16 tion provisions described in paragraph (2)”; and

17 (2) by redesignating paragraph (2) as para-
18 graph (3);

19 (3) by inserting after paragraph (1) the fol-
20 lowing new paragraph:

21 “(2) POSITIONS DESCRIBED.—The Federal ac-
22 quisition positions described in this paragraph are
23 the following:

24 “(A) Any position listed in (g)(1)(A).

25 “(B) All positions in the General Schedule
26 Realty series (GS–1170).”; and

1 (4) in paragraph (3) (as so redesignated), by
2 striking “September 30, 2017” and inserting “Sep-
3 tember 30, 2021”.

1 **SEC. 863 [Log 67567]. REPEAL OF CERTAIN DETERMINA-**
2 **TIONS REQUIRED FOR GRANTS OF EXCEP-**
3 **TIONS TO COST OR PRICING DATA CERTIFI-**
4 **CATION REQUIREMENTS AND WAIVERS OF**
5 **COST ACCOUNTING STANDARDS.**

6 Section 817(b) of the Bob Stump National Defense
7 Authorization Act for Fiscal Year 2003 (Public Law 107–
8 314; 10 U.S.C. 2306a note) is amended—

9 (1) by striking paragraph (1); and

10 (2) by redesignating paragraphs (2) and (3) as
11 paragraphs (1) and (2), respectively.

1 **SEC. 864 [Log 67570]. REPORTING ON PROJECTS PER-**
2 **FORMED THROUGH TRANSACTIONS OTHER**
3 **THAN CONTRACTS, COOPERATIVE AGREE-**
4 **MENTS, AND GRANTS.**

5 (a) REPORT REQUIRED.—Not later than December
6 31, 2018, and each December 31 thereafter through De-
7 cember 31, 2021, the Secretary of Defense shall submit
8 to the congressional defense committees a report covering
9 the preceding fiscal year on projects described in sub-
10 section (b).

11 (b) CONTENTS.—Each report under subsection (a)
12 shall include—

13 (1) for each project performed through a trans-
14 action (other than contracts, cooperative agreements,
15 and grants) entered into pursuant to section 2371 or
16 2371b of title 10, United States Code, for which
17 payments made by the Department of Defense ex-
18 ceeded \$5,000,000 for such transaction—

19 (A) an identification of the element of the
20 Department of Defense and the person or entity
21 outside of the Department of Defense entering
22 into such transaction;

23 (B) the date of entry into such transaction;

24 (C) the amount of the payments made by
25 the Department of Defense for such trans-
26 action;

1 (D) the goals and status of each project
2 carried out under such transaction; and

3 (E) the start date and anticipated end date
4 of each project carried out under such trans-
5 action; and

6 (2) a description of the mechanisms, including
7 any policies, guidance, and reporting requirements,
8 established by the Secretary of Defense to regulate
9 the use of authority relating to a transaction (other
10 than contracts, cooperative agreements, and grants)
11 entered into pursuant to section 2371 or 2371b of
12 title 10, United States Code.

1 **SEC. 865 [Log 67893]. STANDARDIZATION OF FORMATTING**
2 **AND PUBLIC ACCESSIBILITY OF DEPART-**
3 **MENT OF DEFENSE REPORTS TO CONGRESS.**

4 (a) BRIEFING REQUIRED.—Not later than March 1,
5 2019, the Secretary of Defense shall provide a briefing
6 to the Committee on Armed Services of the House of Rep-
7 resentatives on a plan to standardize the formatting and
8 public accessibility of unclassified Department of Defense
9 reports required by Congress. Such briefing shall include
10 a description of the method—

11 (1) for ensuring that reports are created in a
12 platform-independent, machine-readable format that
13 can be retrieved, downloaded, indexed, and searched
14 by commonly used web search applications; and

15 (2) for providing a publically accessible online
16 repository of unclassified reports of the Department
17 of Defense issued since January 1, 2010, including
18 protocols for inclusion of unclassified reports that,
19 as determined by the Secretary, may not be appro-
20 priate for public release in their entirety.

21 (b) IMPLEMENTATION.—Such plan shall be imple-
22 mented not later than March 1, 2020.

1 **SEC. 866 [Log 67526]. DEFENDING UNITED STATES GOVERN-**
2 **MENT COMMUNICATIONS.**

3 (a) FINDINGS.—Congress makes the following find-
4 ings:

5 (1) In its 2011 “Annual Report to Congress on
6 Military and Security Developments Involving the
7 People’s Republic of China”, the Department of De-
8 fense stated that, “China’s defense industry has ben-
9 efitting from integration with a rapidly expanding ci-
10 vilian economy and science and technology sector,
11 particularly elements that have access to foreign
12 technology. Progress within individual defense sec-
13 tors appears linked to the relative integration of
14 each, through China’s civilian economy, into the
15 global production and R&D chain . . . Information
16 technology companies in particular, including
17 Huawei, Datang, and Zhongxing, maintain close ties
18 to the PLA.”.

19 (2) In a 2011 report titled “The National Secu-
20 rity Implications of Investments and Products from
21 the People’s Republic of China in the Telecommuni-
22 cations Sector”, the United States China Commis-
23 sion stated that “[n]ational security concerns have
24 accompanied the dramatic growth of China’s telecom
25 sector. . . . Additionally, large Chinese companies—
26 particularly those ‘national champions’ prominent in

1 China's 'going out' strategy of overseas expansion—
2 are directly subject to direction by the Chinese Com-
3 munist Party, to include support for PRC state poli-
4 cies and goals.”.

5 (3) The Commission further stated in its report
6 that “[f]rom this point of view, the clear economic
7 benefits of foreign investment in the U.S. must be
8 weighed against the potential security concerns re-
9 lated to infrastructure components coming under the
10 control of foreign entities. This seems particularly
11 applicable in the telecommunications industry, as
12 Chinese companies continue systematically to ac-
13 quire significant holdings in prominent global and
14 U.S. telecommunications and information technology
15 companies.”.

16 (4) In its 2011 Annual Report to Congress, the
17 United States China Commission stated that “[t]he
18 extent of the state’s control of the Chinese economy
19 is difficult to quantify . . . There is also a category
20 of companies that, though claiming to be private, are
21 subject to state influence. Such companies are often
22 in new markets with no established SOE leaders and
23 enjoy favorable government policies that support
24 their development while posing obstacles to foreign
25 competition. Examples include Chinese telecoms

1 giant Huawei and such automotive companies as
2 battery maker BYD and vehicle manufacturers
3 Geely and Chery.”.

4 (5) General Michael Hayden, who served as Di-
5 rector of the Central Intelligence Agency and Direc-
6 tor of the National Security Agency, stated in July
7 2013 that Huawei had “shared with the Chinese
8 state intimate and extensive knowledge of foreign
9 telecommunications systems it is involved with.”.

10 (6) The Federal Bureau of Investigation, in a
11 February 2015 Counterintelligence Strategy Part-
12 nership Intelligence Note stated that, “[w]ith the ex-
13 panded use of Huawei Technologies Inc. equipment
14 and services in U.S. telecommunications service pro-
15 vider networks, the Chinese Government’s potential
16 access to U.S. business communications is dramati-
17 cally increasing. Chinese Government-supported tele-
18 communications equipment on U.S. networks may be
19 exploited through Chinese cyber activity, with Chi-
20 na’s intelligence services operating as an advanced
21 persistent threat to U.S. networks.”.

22 (7) The Federal Bureau of Investigation fur-
23 ther stated in its February 2015 counterintelligence
24 note that, “China makes no secret that its cyber

1 warfare strategy is predicated on controlling global
2 communications network infrastructure.”.

3 (8) At a hearing before the Committee on
4 Armed Services of the House of Representatives on
5 September 30, 2015, Deputy Secretary of Defense
6 Robert Work, responding to a question about the
7 use of Huawei telecommunications equipment, stat-
8 ed, “In the Office of the Secretary of Defense, abso-
9 lutely not. And I know of no other—I don’t believe
10 we operate in the Pentagon, any [Huawei] systems
11 in the Pentagon.”.

12 (9) At such hearing, the Commander of the
13 United States Cyber Command, Admiral Mike Rog-
14 ers, responding to a question about why such
15 Huawei telecommunications equipment is not used,
16 stated, “as we look at supply chain and we look at
17 potential vulnerabilities within the system, that it is
18 a risk we felt was unacceptable.”.

19 (10) In March 2017, ZTE Corporation pled
20 guilty to conspiring to violate the International
21 Emergency Economic Powers Act by illegally ship-
22 ping United States-origin items to Iran, paying the
23 United States Government a penalty of
24 \$892,360,064 dollars for activity between January
25 2010 and January 2016.

1 (11) The Treasury Department’s Office of For-
2 eign Assets Control issued a subpoena to Huawei as
3 part of a Federal investigation of alleged violations
4 of trade restrictions on Cuba, Iran, Sudan, and
5 Syria.

6 (12) In the bipartisan Permanent Select Com-
7 mittee on Intelligence of the House of Representa-
8 tives “Investigative Report on the United States Na-
9 tional Security Issues Posed by Chinese Tele-
10 communication Companies Huawei and ZTE” re-
11 leased in 2012, it was recommended that “U.S. gov-
12 ernment systems, particularly sensitive systems,
13 should not include Huawei or ZTE equipment, in-
14 cluding in component parts. Similarly, government
15 contractors—particularly those working on contracts
16 for sensitive U.S. programs—should exclude ZTE or
17 Huawei equipment in their systems.”.

18 (13) Christopher Wray, who serves as Director
19 of the Federal Bureau of Investigation, stated in
20 February 2018 during a hearing of the Select Com-
21 mittee on Intelligence of the Senate that he was
22 “deeply concerned about the risks of allowing any
23 company or entity that is beholden to foreign gov-
24 ernments that don’t share our values to gain posi-
25 tions of power inside our telecommunications net-

1 works. That provides the capacity to exert pressure
2 or control over our telecommunications infrastruc-
3 ture. It provides the capacity to maliciously modify
4 or steal information. And it provides the capacity to
5 conduct undetected espionage.” Admiral Mike Rog-
6 ers, who served as Director of the National Security
7 Agency, agreed with Director Wray’s characteriza-
8 tion, and added that Government programs need “to
9 look long and hard at companies like this”.

10 (14) Director of National Intelligence Dan
11 Coats, Federal Bureau of Investigation Director
12 Christopher Wray, Director of the Defense Intel-
13 ligence Agency General Robert Ashley, Director of
14 the National Geospatial-Intelligence Agency Robert
15 Cardillo, Director of the National Security Agency
16 Admiral Michael Rogers, and Director of the Central
17 Intelligence Agency Michael Pompeo all indicated by
18 show of hands in February 2018 at a hearing of the
19 Select Committee on Intelligence of the Senate that
20 they would not “use products or services from
21 Huawei or ZTE”.

22 (15) General Paul Nakasone, who served as the
23 Commanding General of United States Army Cyber
24 Command, stated during his confirmation hearing to
25 be National Security Agency director in March 2018

1 before the Select Committee on Intelligence of the
2 Senate that he “would not” use any Huawei, China
3 Unicom, or China Telecom products nor would he
4 recommend his family do so.

5 (b) PROHIBITION ON CERTAIN TELECOMMUNI-
6 CATIONS SERVICES OR EQUIPMENT.—

7 (1) PROHIBITION ON AGENCY USE OR PRO-
8 CUREMENT.—Except as provided in paragraph (3),
9 beginning not later than January 1, 2021, the head
10 of an agency may not procure or obtain, may not ex-
11 tend or renew a contract to procure or obtain, and
12 may not enter into a contract (or extend or renew
13 a contract) with an entity that uses any equipment,
14 system, or service that uses covered telecommuni-
15 cations equipment or services as a substantial or es-
16 sential component of any system, or as critical tech-
17 nology as part of any system.

18 (2) IMPLEMENTATION PLAN.—By not later
19 than 180 days after the date of the enactment of
20 this Act, each agency shall develop a plan to imple-
21 ment paragraph (1) throughout the agency’s supply
22 chain and shall submit such plan to the appropriate
23 congressional committees. Each such plan shall be
24 submitted in unclassified form, but may contain a
25 classified annex. The plan for an agency shall in-

1 clude, but not be limited to, how the agency plans
2 to deal with the impact of white label technology on
3 its supply chain whereby the original manufacturer
4 of technology is not readily apparent to a purchaser
5 or user.

6 (3) WAIVER.—The head of an agency may, on
7 a one time basis, waive the requirement under para-
8 graph (1) with respect to an entity that requests
9 such a waiver. Such a waiver may be provided for
10 a period of not more than two years if the entity
11 seeking the waiver—

12 (A) can demonstrate a compelling justifica-
13 tion for additional time to implement such
14 paragraph;

15 (B) submits to the head of the agency, who
16 then submits to the appropriate congressional
17 committees within 30 days, a full and complete
18 laydown of the presence of covered tele-
19 communications equipment or services in the
20 entity's supply chain and a phase-out plan to
21 eliminate such covered telecommunications
22 equipment or services from its systems;

23 (C) does not permit real-time access to its
24 networks to an entity located or substantially
25 located in a covered foreign country; and

1 (D) provides a written guarantee to the
2 head of the agency that it will not procure such
3 covered telecommunications equipment or serv-
4 ices again.

5 .(4) DEFINITIONS.—In this section:

6 (A) The term “appropriate congressional
7 committees” means the Committees on Armed
8 Services of the Senate and House of Represent-
9 atives, the Permanent Select Committee on In-
10 telligence of the House of Representatives, the
11 Select Committee on Intelligence of the Senate,
12 the Committee on Oversight and Government
13 Reform of the House of Representatives, and
14 the Committee on Homeland Security and Gov-
15 ernmental Affairs of the Senate.

16 (B) The term “agency” has the meaning
17 given that term in section 551 of title 5, United
18 States Code.

19 (C) The term “covered foreign country”
20 means the People’s Republic of China.

21 (D) The term “covered telecommunications
22 equipment or services” means any of the fol-
23 lowing:

24 (i) Telecommunications equipment
25 produced by Huawei Technologies Com-

1 pany or ZTE Corporation (or any sub-
2 sidiary, successor entity, or affiliate of
3 such entities).

4 (ii) Telecommunications services pro-
5 vided by such entities or using such equip-
6 ment.

7 (iii) Telecommunications equipment or
8 systems that contain intelligent compo-
9 nents that are designed, quality-tested,
10 manufactured, or obtain post-sale technical
11 support in countries, or transit countries,
12 headquartered or principally located in a
13 covered foreign country or another country
14 whose nationals have been indicted for
15 hacking on behalf of or at the direction of
16 that country.

17 (iv) Telecommunications equipment or
18 services produced or provided by an entity
19 that the head of the relevant agency rea-
20 sonably believes to be an entity owned or
21 controlled by, or otherwise connected to,
22 the government of a covered foreign coun-
23 try.

24 (E) The term “intelligent components”
25 means—

- 1 (i) any hardware processor, or soft-
2 ware or firmware executable on any micro-
3 processor;
- 4 (ii) the microprocessor itself;
- 5 (iii) any semiconductor device that
6 has processing ability;
- 7 (iv) any device that has internal mem-
8 ory;
- 9 (v) any component or device that per-
10 forms a communication function; or
- 11 (vi) any hardware, firmware or soft-
12 ware (including operating systems) inte-
13 grated into or installed on an any compo-
14 nent described in clauses (i) through (v).

1 **SEC. 902.[Log 67522]. ROLES OF UNDER SECRETARY OF DE-**
2 **FENSE FOR POLICY AND UNDER SECRETARY**
3 **OF DEFENSE FOR INTELLIGENCE.**

4 (a) UNDER SECRETARY OF DEFENSE FOR POLICY.—
5 Section 134(b) of title 10, United States Code, is amend-
6 ed—

7 (1) by redesignating paragraphs (3) and (4) as
8 paragraphs (4) and (5), respectively;

9 (2) by inserting after paragraph (2) the fol-
10 lowing new paragraph (3):

11 “(3) Subject to the authority, direction, and control
12 of the Secretary of Defense, the Under Secretary shall be
13 responsible and have the overall direction and supervision
14 for—

15 “(A) the development, implementation, and in-
16 tegration across the Department of Defense of the
17 National Defense Strategy and strategic policy guid-
18 ance for the activities of the Department of Defense
19 across all geographic regions and military functions
20 and domains; and

21 “(B) the integration of the activities of the De-
22 partment of Defense into the National Security
23 Strategy of the United States.”; and

24 (3) in paragraph (4), as redesignated by para-
25 graph (1) of this subsection, by inserting “policy
26 making” before “activities”.

1 (b) UNDER SECRETARY OF DEFENSE FOR INTEL-
2 LIGENCE.—Section 137(b) of title 10, United States Code,
3 as amended by section 1621, is further amended—

4 (1) in paragraph (4), by striking “; and” and
5 inserting a semicolon;

6 (2) by redesignating paragraph (5) as para-
7 graph (6); and

8 (3) by inserting after paragraph (4) the fol-
9 lowing new paragraph (5):

10 “(5) have responsibility for supervising and di-
11 recting, and overseeing Department of Defense ac-
12 tivities, other than policy making activities, with re-
13 spect to technology protection relating to export con-
14 trols; and”.

1 **Subtitle B—Comprehensive Pen-**
2 **tagon Bureaucracy Reform and**
3 **Reduction**

4 **SEC. 911 [Log 67967]. AUTHORITIES AND RESPONSIBILITIES**
5 **OF THE CHIEF MANAGEMENT OFFICER OF**
6 **THE DEPARTMENT OF DEFENSE.**

7 (a) AUTHORITIES AND RESPONSIBILITIES.—

8 (1) IN GENERAL.—Section 132a(b) of title 10,
9 United States Code, is amended—

10 (A) by amending paragraph (3) to read as
11 follows:

12 “(3) Exercising authority, direction, and control
13 over the Defense Agencies and Department of De-
14 fense Field Activities with respect to the covered ac-
15 tivities.”; and

16 (B) by adding at the end the following:

17 “(7) Serving as the official with principal re-
18 sponsibility in the Department for minimizing the
19 duplication of efforts and maximizing efficiency and
20 effectiveness among all organizations and elements
21 of the Department (other than the military depart-
22 ments) with respect to the covered activities.”.

23 (2) BUDGET AUTHORITY.—Section 132a of title
24 10, United States Code (as amended by paragraph
25 (1)) is further amended—

1 (A) by redesignating subsections (c) and
2 (d) as subsections (d) and (e) respectively; and
3 (B) by inserting after subsection (b) the
4 following:

5 “(c) BUDGET AUTHORITY.—

6 “(1)(A) The Secretary of Defense, acting
7 through the Under Secretary of Defense (Comp-
8 troller), shall require the head of each Defense
9 Agency and Department of Defense Field Activity to
10 transmit the proposed budget for the covered activi-
11 ties of such Agency or Activity for a fiscal year and
12 for the period covered by the future-years defense
13 program submitted to Congress under section 221 of
14 this title for that fiscal year to the Chief Manage-
15 ment Officer for review under subparagraph (B) be-
16 fore submitting the proposed budget to the Under
17 Secretary of Defense (Comptroller).

18 “(B) The Chief Management Officer shall re-
19 view each proposed budget transmitted under sub-
20 paragraph (A) and, not later than January 31 of the
21 year preceding the fiscal year for which the budget
22 is proposed, shall submit to the Secretary of Defense
23 a report containing the comments of the Chief Man-
24 agement Officer with respect to all such proposed
25 budgets, together with the certification of the Chief

1 Management Officer regarding whether each pro-
2 posed budget achieves an adequate level of efficiency
3 and effectiveness with respect to the covered activi-
4 ties.

5 “(C) Not later than March 31 of each year, the
6 Secretary of Defense shall submit to Congress a re-
7 port that includes the following:

8 “(i) Each proposed budget for the covered
9 activities of a Defense Agency or a Department
10 of Defense Field Activity that was transmitted
11 to the Chief Management Officer under sub-
12 paragraph (A).

13 “(ii) Identification of each proposed budget
14 contained in the most-recent report submitted
15 under subparagraph (B) that the Chief Man-
16 agement Officer did not certify as achieving an
17 adequate level of efficiency and effectiveness
18 with respect to the covered activities.

19 “(iii) A discussion of the actions that the
20 Secretary proposes to take, together with any
21 recommended legislation that the Secretary con-
22 siders appropriate, to address the inadequate
23 levels of efficiency and effectiveness achieved by
24 the proposed budgets identified in the report.

1 “(iv) Any additional comments that the
2 Secretary considers appropriate regarding the
3 inadequate levels of efficiency and effectiveness
4 achieved by the proposed budgets.

5 “(2) None of the funds authorized to be appro-
6 priated or otherwise made available for any fiscal
7 year for the covered activities of a Defense Agency
8 or a Department of Defense Field Activity may be
9 obligated or expended unless—

10 “(A) the head of the Agency or Activity
11 submits to the Chief Management Officer a
12 plan for the obligation and expenditure of such
13 funds; and

14 “(B) the Chief Management Officer ap-
15 proves the plan.

16 “(3) Nothing in this subsection shall be con-
17 strued to modify or interfere with the budget-related
18 responsibilities of the Director of National Intel-
19 ligence.”.

20 (3) COVERED ACTIVITIES DEFINED.—Section
21 132a of title 10, United States Code (as amended by
22 paragraphs (1) and (2)) is further amended by add-
23 ing at the end the following:

24 “(f) COVERED ACTIVITIES DEFINED.—In this sec-
25 tion, the term ‘covered activities’ means any activity relat-

1 ing to civilian resources management, logistics manage-
2 ment, services contracting, or real estate management.”.

3 (b) STREAMLINING OF CERTAIN FUNCTIONS ACROSS
4 THE DEPARTMENT OF DEFENSE.—

5 (1) STREAMLINING OF FUNCTIONS.—

6 (A) IN GENERAL.—Except as provided in
7 subparagraph (B), not later than January 1,
8 2021, and not less frequently than once every
9 five years thereafter, the Secretary of Defense,
10 acting through the Chief Management Officer
11 of the Department Defense, shall reduce or
12 eliminate duplicative functions across all organi-
13 zations and elements of the Department of De-
14 fense with respect to the covered activities.

15 (B) EXCEPTION.—The military services
16 shall not be included in any reductions or elimi-
17 nations carried out under subparagraph (A) on
18 or before January 1, 2021.

19 (2) CERTIFICATION AND REVIEW OF COST SAV-
20 INGS.—

21 (A) CERTIFICATION.—Not later January
22 1, 2021, the Chief Management Officer shall
23 certify to the congressional defense committees
24 that the reductions and eliminations carried out
25 under paragraph (1) accomplished savings with

1 respect to the total amount obligated and ex-
2 pended for the covered activities in fiscal year
3 2020 that were not less than 25 percent of the
4 baseline amount.

5 (B) GAO REVIEW.—Not later than 30
6 days after the submission of the certification
7 under subparagraph (A), the Comptroller Gen-
8 eral of the United States shall submit to the
9 congressional defense committees a report that
10 verifies whether the savings reported by the
11 Chief Management Officer under such subpara-
12 graph are accurate.

13 (C) BASELINE AMOUNT.—For the pur-
14 poses of this paragraph, the baseline amount is
15 the total amount obligated and expended by or-
16 ganizations and elements of the Department of
17 Defense other than the military services for fis-
18 cal year 2018 for the covered activities—

19 (i) increased by a credit for the
20 amount of any reductions in the costs of
21 such activities that are documented, as of
22 the date that is 90 days after the date of
23 the enactment of this Act, as having been
24 accomplished in accordance with section
25 346 of the National Defense Authorization

1 Act for Fiscal Year 2016 (Public Law
2 114–92;.10 U.S.C. 111 note); and

3 (ii) decreased by the amount of any
4 reductions in costs for such activities that
5 are documented, as of the date that is 90
6 days after the date of the enactment of
7 this Act, as having been accomplished in
8 accordance with other sections of this sub-
9 title.

10 (D) TREATMENT OF CERTAIN COST SAV-
11 INGS.—For the purposes of calculating the per-
12 centage cost savings accomplished by the Chief
13 Management Officer under subparagraph (A),
14 any reduction in costs documented, as of the
15 date that is 90 days after the date of the enact-
16 ment of this Act, as having been accomplished
17 in accordance with section 346 of the National
18 Defense Authorization Act for Fiscal Year 2016
19 (Public Law 114–92;.10 U.S.C. 111 note) shall
20 be treated as a reduction accomplished by the
21 Chief Management Officer under paragraph
22 (1).

23 (3) PLAN AND REVIEW.—

24 (A) PLAN REQUIRED.—Not later than
25 March 1, 2020, the Chief Management Officer

1 shall submit to the congressional defense com-
2 mittees a plan for complying with paragraphs
3 (1) and (2).

4 (B) GAO REVIEW.—Not later than 30
5 days after the submission of the plan under
6 subparagraph (A), the Comptroller General of
7 the United States shall submit to the congress-
8 sional defense committees a report that
9 verifies—

10 (i) whether the plan submitted under
11 subparagraph (A) is feasible; and

12 (ii) whether any cost savings expected
13 to result from the plan are accurate.

14 (4) SUBSEQUENT REPORTS AND REVIEWS.—

15 (A) CMO REPORTS.—Not later than Janu-
16 ary 1 of every fifth calendar year beginning
17 with January 1, 2026, the Chief Management
18 Officer shall submit to the congressional de-
19 fense committees a report that describes the ac-
20 tivities carried out by the Chief Management
21 Officer under paragraph (1) during the pre-
22 ceding five years, including an estimate of any
23 cost savings achieved as a result of such activi-
24 ties.

1 (B) GAO REVIEW.—Not later than 30
2 days after the submission of each report under
3 subparagraph (A), the Comptroller General of
4 the United States shall submit to the congress-
5 sional defense committees a report that
6 verifies—

7 (i) whether the activities described in
8 the report under subparagraph (A) were
9 carried out; and

10 (ii) whether any cost savings esti-
11 mated in the report are accurate.

12 (5) COVERED ACTIVITIES DEFINED.—In this
13 subsection, the term “covered activities” has the
14 meaning given that term in section 132a(f) of title
15 10, United States Code, as added by subsection (a)
16 of this section.

1 **SEC. 912 [Log 67973]. AUTHORITIES AND RESPONSIBILITIES**
2 **OF THE INSPECTOR GENERAL OF THE DE-**
3 **PARTMENT OF DEFENSE.**

4 (a) ADDITIONAL RESPONSIBILITIES AND AUTHORI-
5 TIES.—Section 141 of title 10, United States Code, is
6 amended by adding at the end the following:

7 “(c) In addition to the duties, responsibilities, and
8 powers referred to in subsection (b), the Inspector General
9 of the Department shall serve as the official with principal
10 responsibility in the Department for minimizing the dupli-
11 cation of efforts and maximizing efficiency among the In-
12 spectors General across all organizations and elements of
13 the Department with respect to the covered activities.

14 “(d)(1)(A) The Secretary of Defense, acting through
15 the Under Secretary of Defense (Comptroller), shall re-
16 quire each Inspector General of an organization or element
17 of the Department of Defense to transmit the proposed
18 budget for the covered activities of the Office of such In-
19 spector General for a fiscal year and for the period covered
20 by the future-years defense program submitted to Con-
21 gress under section 221 of this title for that fiscal year
22 to the Inspector General of the Department of Defense
23 for review under subparagraph (B) before submitting the
24 proposed budget to the Under Secretary of Defense
25 (Comptroller).

1 “(B) The Inspector General of the Department of
2 Defense shall review each proposed budget transmitted
3 under subparagraph (A) and, not later than January 31
4 of the year preceding the fiscal year for which the budget
5 is proposed, shall submit to the Secretary of Defense a
6 report containing the comments of the Inspector General
7 with respect to all such proposed budgets, together with
8 the certification of the Inspector General regarding wheth-
9 er each proposed budget achieves an adequate level of effi-
10 ciency and effectiveness with respect to the covered activi-
11 ties.

12 “(C) Not later than March 31 of each year, the Sec-
13 retary of Defense shall submit to Congress a report that
14 includes the following:

15 “(i) Each proposed budget for the covered ac-
16 tivities of an Inspector General of an organization or
17 element of the Department of Defense that was
18 transmitted to the Inspector General of the Depart-
19 ment under subparagraph (A).

20 “(ii) Identification of each proposed budget con-
21 tained in the most-recent report submitted under
22 subparagraph (B) that the Inspector General of the
23 Department did not certify as achieving an adequate
24 level of efficiency and effectiveness with respect to
25 the covered activities.

1 “(iii) A discussion of the actions that the Sec-
2 retary proposes to take, together with any rec-
3 ommended legislation that the Secretary considers
4 appropriate, to address the inadequate levels of effi-
5 ciency and effectiveness achieved by the proposed
6 budgets identified in the report.

7 “(iv) Any additional comments that the Sec-
8 retary considers appropriate regarding the inad-
9 equate levels of efficiency and effectiveness achieved
10 by the proposed budgets.

11 “(2) None of the funds authorized to be appropriated
12 or otherwise made available for any fiscal year for the cov-
13 ered activities of an Inspector General of an organization
14 or element of the Department of Defense may be obligated
15 or expended unless—

16 “(A) the Inspector General of the organization
17 or element submits to the Inspector General of the
18 Department of Defense a plan for the obligation and
19 expenditure of such funds; and

20 “(B) the Inspector General of the Department
21 of Defense approves the plan.

22 “(e) In this section, the term ‘covered activities’
23 means any activity relating to public affairs, human re-
24 sources, contracting, services contracting, or any other
25 cross-enterprise activities of the Inspectors General of the

1 organizations and elements of the Department of Defense,
2 as determined by the Inspector General of the Depart-
3 ment.”.

4 (b) STREAMLINING OF FUNCTIONS.—Not later than
5 January 1, 2021, the Secretary of Defense, acting through
6 the Inspector General of the Department Defense, shall
7 reduce or eliminate duplicative functions among the In-
8 spectors General across all organizations and elements of
9 the Department with respect to the covered activities.

10 (c) PLAN REQUIRED.—Not later than March 1,
11 2020, the Inspector General of the Department of Defense
12 shall submit to the congressional defense committees a
13 plan for complying with subsection (b).

14 (d) COVERED ACTIVITIES DEFINED.—In this section,
15 the term “covered activities” has the meaning given that
16 term in section 141(e) of title 10, United States Code,
17 as added by subsection (a) of this section.

1 **SEC. 913 [Log 67933]. TRANSITION OF CERTAIN DEFENSE**
2 **AGENCIES AND DEPARTMENT OF DEFENSE**
3 **FIELD ACTIVITIES.**

4 (a) DEFENSE INFORMATION SYSTEMS AGENCY.—

5 (1) TRANSFER OF FUNCTIONS.—Not later than
6 January 1, 2021, the Secretary of Defense, acting
7 through the Chief Management Officer of the De-
8 partment of Defense, shall—

9 (A) transfer all information technology
10 contracting and acquisition services of the De-
11 fense Information Systems Agency to other ele-
12 ments of the Department of Defense, which
13 may include the transfer of such services to the
14 military departments; and

15 (B) transfer all senior leader communica-
16 tions functions of the Agency to other elements
17 of the Department of Defense.

18 (2) TRANSITION PLAN.—Not later than March
19 1, 2020, the Chief Management Officer shall submit
20 to the congressional defense committees a plan for
21 the transfers required under paragraph (1).

22 (b) ELIMINATION OF WASHINGTON HEADQUARTERS
23 SERVICES.—

24 (1) ELIMINATION REQUIRED.—Not later than
25 January 1, 2021, the Secretary of Defense, acting
26 through the Chief Management Officer of the De-

1 partment of Defense, shall eliminate the Washington
2 Headquarters Services.

3 (2) TRANSFER OR ELIMINATION.—

4 (A) TRANSFER.—The Chief Management
5 Officer shall transfer to other elements of the
6 Office of the Secretary of Defense only such
7 functions of the Washington Headquarters
8 Services as are necessary to carry out an essen-
9 tial function not otherwise carried out by such
10 Office, as determined by the Chief Management
11 Officer.

12 (B) ELIMINATION.—Any functions of the
13 Washington Headquarters Services that are not
14 transferred to another element of the Office of
15 the Secretary of Defense under subparagraph
16 (A) shall be eliminated.

17 (3) TRANSFER OR DISPOSITION OF ASSETS.—
18 The Chief Management Officer shall dispose of, or
19 transfer to other elements of the Office of the Sec-
20 retary of Defense, any assets of the Washington
21 Headquarters Services.

22 (4) TRANSITION PLAN.—Not later than March
23 1, 2020, the Chief Management Officer shall submit
24 to the congressional defense committees a plan for

1 the eliminations and transfers required under this
2 subsection.

3 (c) REVIEW OF DEFENSE AGENCIES AND DEPART-
4 MENT OF DEFENSE FIELD ACTIVITIES.—

5 (1) REVIEW REQUIRED.—The Chief Manage-
6 ment Officer of the Department of Defense shall re-
7 view the efficiency and effectiveness of each Defense
8 Agency and Department of Defense Field Activity.
9 As part of the review, the Chief Management Officer
10 shall identify each function of an Agency or Activity
11 that is substantially similar to, or duplicative of, a
12 function carried out by another organization or ele-
13 ment of the Department of Defense.

14 (2) REPORT.—Not later than March 1, 2020,
15 the Chief Management Officer shall submit to the
16 congressional defense committees a report that in-
17 cludes the results of the review conducted under
18 paragraph (1).

19 (3) CMO VERIFICATION AND TRANSITION
20 PLAN.—Together with the submission of the report
21 under paragraph (2) and based on the results of the
22 review conducted under paragraph (1), the Chief
23 Management Officer shall submit to the congres-
24 sional defense committees—

1 (A) a list identifying each Defense Agency
2 and Department of Defense Field Activity that
3 the Chief Management Officer has deter-
4 mined—

5 (i) operates efficiently and effectively;

6 and

7 (ii) does not carry out any function
8 that is substantially similar to, or duplica-
9 tive of, a function carried out by another
10 organization or element of the Department
11 of Defense; and

12 (B) with respect to each Agency or Activity
13 not included on the list under subparagraph
14 (A), a plan for—

15 (i) eliminating the Agency or Activity;

16 or

17 (ii) transferring some or all of the
18 functions of the Agency or Activity to an-
19 other organization or element of the De-
20 partment of Defense.

21 (d) CLARIFICATION OF AUTHORITIES OF THE SEC-
22 RETARY OF DEFENSE.—

23 (1) IN GENERAL.—Except as provided in para-
24 graph (2), the Secretary of Defense shall have the

1 authority to establish or terminate any Defense
2 Agency or Department of Defense Field Activity.

3 (2) EXCEPTIONS.—The authority of the Sec-
4 retary of Defense to establish or terminate a De-
5 fense Agency or Department of Defense Field Activ-
6 ity under paragraph (1) does not apply to an Agency
7 or Activity that is specifically established or termi-
8 nated by an Act of Congress.

9 (3) REFERENCES.—Any reference in Federal
10 law, regulations, guidance, instructions, or other
11 documents of the Federal Government to a Defense
12 Agency or Department of Defense Field Activity ter-
13 minated by the Secretary of Defense under para-
14 graph (1), or to the head of such an Agency or Ac-
15 tivity, shall be deemed to be a reference to the Sec-
16 retary of Defense.

17 (4) NOTICE REQUIREMENT.—The Secretary of
18 Defense may not terminate a Defense Agency or De-
19 partment of Defense Field Activity until a period of
20 90 days has elapsed following the date on which the
21 Secretary submits to the congressional defense com-
22 mittees—

23 (A) notice of the intent of the Secretary to
24 terminate the Agency or Activity; and

1 (B) recommendations for legislative actions
2 that may be required as a result of such termi-
3 nation.

4 (e) ELIMINATION OF STATUTORY REQUIREMENT FOR
5 TEST RESOURCE MANAGEMENT CENTER.—

6 (1) REPEAL.—Section 196 of title 10, United
7 States Code, is repealed.

8 (2) CONFORMING AMENDMENT.—The table of
9 sections at the beginning of subchapter I of chapter
10 8 of title 10, United States Code, is amended by
11 striking the item relating to section 196.

1 **SEC. 914 [Log 67968]. ACTIONS TO INCREASE THE EFFI-**
2 **CIENCY AND TRANSPARENCY OF THE DE-**
3 **FENSE LOGISTICS AGENCY.**

4 (a) SYSTEM AND CAPABILITY.—Not later than Janu-
5 ary 1, 2021, the Director of the Defense Logistics Agency
6 and the Chief Management Officer of the Department of
7 Defense shall jointly, in consultation with the customers
8 served by the Agency, develop and implement—

9 (1) a comprehensive system that enables cus-
10 tomers of the Agency to view—

11 (A) the inventory of items and materials
12 available to customers from the Agency; and

13 (B) the delivery status of items and mate-
14 rials that are in transit to customers; and

15 (2) a predictive analytics capability designed to
16 increase the efficiency of the system described in
17 paragraph (1) by identifying emerging customer
18 needs with respect to items and materials supplied
19 by the Agency, including any emerging needs arising
20 from the use of new weapon systems by customers.

21 (b) ACTIONS TO INCREASE EFFICIENCY.—Not later
22 than January 1, 2021, the Director of the Defense Logis-
23 tics Agency and the Chief Management Officer shall joint-
24 ly—

25 (1) reduce the rates charged to customers, in
26 aggregate, by not less than 10 percent;

1 (2) eliminate the duplication of services within
2 the Agency; and

3 (3) establish specific goals and metrics to en-
4 sure that the Agency is fulfilling its mission of pro-
5 viding items and materials to customers with suffi-
6 cient speed and in sufficient quantities to ensure the
7 lethality and readiness of warfighters.

8 (c) PLAN REQUIRED.—Not later than March 1,
9 2020, the Director of the Defense Logistics Agency and
10 the Chief Management Officer shall jointly submit to the
11 congressional defense committees a plan that describes
12 how the Director and the Chief Management Officer will
13 achieve compliance with the requirements of subsections
14 (a) and (b).

1 **SEC. 915 [Log 67969]. REVIEW OF FUNCTIONS OF DEFENSE**
2 **CONTRACT AUDIT AGENCY AND DEFENSE**
3 **CONTRACT MANAGEMENT AGENCY.**

4 (a) REVIEW REQUIRED.—The Secretary of Defense,
5 acting through the Chief Management Officer of the De-
6 partment of Defense, shall direct the Under Secretary of
7 Defense for Acquisition and Sustainment and the Under
8 Secretary of Defense (Comptroller) to conduct a joint re-
9 view of the functions of the Defense Contract Audit Agen-
10 cy and the Defense Contract Management Agency. The
11 review shall include—

12 (1) a validation of the missions and functions of
13 each Agency;

14 (2) a determination of whether there are func-
15 tions performed by either Agency that could more
16 appropriately be performed by—

17 (A) the other Agency;

18 (B) any other organization or element of
19 the Department of Defense, including the mili-
20 tary departments; or

21 (C) commercial providers; and

22 (3) a validation of the continued need for two
23 separate Agencies with oversight for defense con-
24 tracting.

25 (b) REPORT REQUIRED.—Not later than March 1,
26 2020, the Secretary of Defense shall submit to the con-

- 1 gressional defense committees a report that includes the
- 2 results of the review conducted under subsection (a).

1 **SEC. 916 [Log 67971]. STREAMLINING OF DEFENSE FINANCE**
2 **AND ACCOUNTING SERVICES.**

3 (a) IN GENERAL.—Not later than January 1, 2021,
4 the Chief Management Officer and the Under Secretary
5 of Defense (Comptroller) shall jointly carry out activities
6 to streamline, reduce duplication, and make more effective
7 the operations of the Defense Finance and Accounting
8 Services.

9 (b) PLAN REQUIRED.— Not later than March 1,
10 2020, the Chief Management Officer and the Under Sec-
11 retary of Defense (Comptroller) shall jointly submit to the
12 congressional defense committees a plan for carrying out
13 the activities required under subsection (a).

1 **SEC. 917 [Log 67970]. REDUCTION IN NUMBER OF CHIEF IN-**
2 **FORMATION OFFICERS IN THE SENIOR EXEC-**
3 **UTIVE SERVICE.**

4 With respect to the total number of Chief Informa-
5 tion Officer positions within the Department of Defense,
6 during calendar year 2021 and each year thereafter not
7 more than five of such positions may be Senior Executive
8 Service positions (as that term is described in section
9 3132(a)(2) of title 5, United States Code).

1 **SEC. 918 [Log 67979]. GENERAL PROVISIONS.**

2 (a) CONSOLIDATED REPORT.—The plans and reports
3 required to be submitted to the congressional defense com-
4 mittees under this subtitle on or before March 1, 2020,
5 may be combined and submitted in the form of a single,
6 consolidated document.

7 (b) DEFINITIONS.—In this subtitle:

8 (1) The term “Chief Management Officer”
9 means the Chief Management Officer of the Depart-
10 ment of Defense.

11 (2) The terms “Defense Agency”, “Department
12 of Defense Field Activity”, and “military depart-
13 ments” have the meanings given the terms in section
14 101(a) of title 10, United States Code.

15 (c) CONFORMING AMENDMENTS.—

16 (1) WASHINGTON HEADQUARTERS SERVICES.—
17 Section 143(b) of title 10, United States Code, is
18 amended by striking “and the Washington Head-
19 quarters Services of the Department of Defense”.

20 (2) TEST RESOURCE MANAGEMENT CENTER.—

21 (A) Section 130i(j)(3)(C)(ix) of title 10,
22 United States Code, is amended by striking,
23 “(as defined in section 196(i) of this title)”.

24 (B) Section 2358a of title 10, United
25 States Code, is amended—

26 (i) in subsection (d)—

1 (I) in paragraph (1)—

2 (aa) in the matter preceding
3 subparagraph (A), by striking “,
4 each facility of the Major Range
5 and Test Facility Base, and the
6 Defense Test Resource Manage-
7 ment Center” and inserting “and
8 each facility of the Major Range
9 and Test Facility Base”; and

10 (bb) in subparagraph (A),
11 by striking “, or the Defense
12 Test Resource Management Cen-
13 ter”;

14 (II) in paragraph (2)(B)—

15 (aa) by striking “, in the
16 case of a position at a facility of
17 the Major Range and Test Facil-
18 ity Base, and the director of the
19 Defense Test Resource Manage-
20 ment Center, in the case of a po-
21 sition at such center,”;

22 (bb) by striking “and the
23 Defense Test Resource Manage-
24 ment Center”; and

1 (cc) by striking “or the De-
2 fense Test Resource Management
3 Center, as the case may be,”;
4 and

5 (ii) in subsection (f)—

6 (I) by striking paragraph (1);
7 and

8 (II) by redesignating paragraphs
9 (2) through (4) as paragraphs (1)
10 through (3).

11 (C) Section 2684a(g) of title 10, United
12 States Code, is amended by striking “and the
13 Director of the Department of Defense Test
14 Resource Management Center”.

15 (D) Section 231 of the Bob Stump Na-
16 tional Defense Authorization Act for Fiscal
17 Year 2003 (Public Law 107–314; 10 U.S.C.
18 196 note) is amended by striking subsection (e).

19 (E) Section 220 of the National Defense
20 Authorization Act for Fiscal Year 2010 (Public
21 Law 111–84; 10 U.S.C. 221 note) is amended
22 by—

23 (i) in subsection (a), by striking “and
24 the Director of the Department of Defense
25 Test Resource Management Center” ; and

1 (ii) by striking subsection (c).

2 (F) The National Defense Authorization
3 Act for Fiscal Year 2017 (Public Law 114–
4 328) is amended—

5 (i) in section 233(b)(2)(D)(ii) (10
6 U.S.C. 2358 note), by striking “the Direc-
7 tor of the Test Resource Management Cen-
8 ter” and inserting “an appropriate official
9 designated by the Secretary of Defense”;
10 and

11 (ii) in section 1061(c) (10 U.S.C. 111
12 note), by striking paragraph (11).

13 (G) Section 839(b) of the National De-
14 fense Authorization Act for Fiscal Year 2018
15 (Public Law 115–91; 10 U.S.C. 2399 note) is
16 amended—

17 (i) in paragraph (1), by striking “, the
18 senior official of the Department of De-
19 fense with responsibility for developmental
20 testing, and the Director of the Test Re-
21 source Management Center” and inserting
22 “and the senior official of the Department
23 of Defense with responsibility for develop-
24 mental testing”;

1 (ii) in paragraph (2), in the matter
2 preceding subparagraph (A), by striking “,
3 the senior official of the Department of
4 Defense with responsibility for develop-
5 mental testing, and the Director of the
6 Test Resource Management Center” and
7 inserting “and the senior official of the De-
8 partment of Defense with responsibility for
9 developmental testing”; and

10 (iii) in paragraph (3)(A), by striking
11 “, the senior official of the Department of
12 Defense with responsibility for develop-
13 mental testing, or the Director of the Test
14 Resource Management Center” and insert-
15 ing “or the senior official of the Depart-
16 ment of Defense with responsibility for de-
17 velopmental testing”.

18 (d) EFFECTIVE DATES.—

19 (1) The amendment made by paragraph (1) of
20 subsection (c) shall take effect on the earlier of—

21 (A) the date on which the Washington
22 Headquarters Services is eliminated under [sec-
23 tion 913 [Log 67933]]; or

24 (B) January 1, 2021.

1 (2) The amendments made by paragraph (2) of
2 subsection (c) shall take effect on the date of the en-
3 actment of this Act.

1 **SEC. 922 [Log 67941]. LIMITATION ON TRANSFER OF THE**
2 **CHEMICAL, BIOLOGICAL, AND RADIOLOGICAL**
3 **DEFENSE DIVISION OF THE NAVY.**

4 (a) FINDINGS.—Congress makes the following find-
5 ings:

6 (1) The Chemical, Biological, and Radiological
7 Defense Division of the Navy, currently based at the
8 Naval Surface Warfare Center in Dahlgren, Vir-
9 ginia, consists of a highly effective team of scientists
10 performing critical work for the United States.

11 (2) The Secretary of the Navy has notified Con-
12 gress of the intent of the Secretary to transfer the
13 Division to another location.

14 (3) The Secretary has not provided Congress
15 with a detailed cost benefit analysis or any other in-
16 formation that adequately justifies the proposed
17 transfer of the Division.

18 (b) REPORT REQUIRED.—Not later than 90 days
19 after the date of the enactment of this Act, the Secretary
20 of the Navy shall submit to the congressional defense com-
21 mittees a report that includes—

22 (1) a detailed timeline for the proposed transfer
23 of the Chemical, Biological, and Radiological De-
24 fense Division of the Navy from Virginia to another
25 location;

1 (2) a full accounting of the costs associated
2 with the proposed transfer, including—

3 (A) all personnel costs;

4 (B) all equipment costs; and

5 (C) all facility renovation costs for the ex-
6 isting facilities of the Division and the facilities
7 to which the Division is proposed to be trans-
8 ferred;

9 (3) a risk assessment of the operational impact
10 of the transfer during the transition period; and

11 (4) an explanation of the operational benefit ex-
12 pected to be achieved by collocating all Chemical, Bi-
13 ological, and Radiological elements of the Depart-
14 ment of the Navy.

15 (c) LIMITATION.—The Secretary of the Navy may not
16 transfer, or prepare to transfer, the Chemical, Biological,
17 and Radiological Defense Division of the Navy from Dahl-
18 gren, Virginia to another location until a period of 45 days
19 has elapsed following the date on which the report is sub-
20 mitted to the congressional defense committees under sub-
21 section (b).

1 **Subtitle A—Financial Matters**

2 **SEC. 1001 [Log 67307]. GENERAL TRANSFER AUTHORITY.**

3 (a) **AUTHORITY TO TRANSFER AUTHORIZATIONS.—**

4 (1) **AUTHORITY.**—Upon determination by the
5 Secretary of Defense that such action is necessary in
6 the national interest, the Secretary may transfer
7 amounts of authorizations made available to the De-
8 partment of Defense in this division for fiscal year
9 2019 between any such authorizations for that fiscal
10 year (or any subdivisions thereof). Amounts of au-
11 thorizations so transferred shall be merged with and
12 be available for the same purposes as the authoriza-
13 tion to which transferred.

14 (2) **LIMITATION.**—Except as provided in para-
15 graph (3), the total amount of authorizations that
16 the Secretary may transfer under the authority of
17 this section may not exceed \$5,000,000,000.

18 (3) **EXCEPTION FOR TRANSFERS BETWEEN**
19 **MILITARY PERSONNEL AUTHORIZATIONS.**—A trans-
20 fer of funds between military personnel authoriza-
21 tions under title IV shall not be counted toward the
22 dollar limitation in paragraph (2).

23 (b) **LIMITATIONS.**—The authority provided by sub-
24 section (a) to transfer authorizations—

1 (1) may only be used to provide authority for
2 items that have a higher priority than the items
3 from which authority is transferred; and

4 (2) may not be used to provide authority for an
5 item that has been denied authorization by Con-
6 gress.

7 (c) EFFECT ON AUTHORIZATION AMOUNTS.—A
8 transfer made from one account to another under the au-
9 thority of this section shall be deemed to increase the
10 amount authorized for the account to which the amount
11 is transferred by an amount equal to the amount trans-
12 ferred.

13 (d) NOTICE TO CONGRESS.—The Secretary shall
14 promptly notify Congress of each transfer made under
15 subsection (a).

1 **SEC. 1002 [Log 67886]. AUTHORITY TO TRANSFER FUNDS TO**
2 **DIRECTOR OF NATIONAL INTELLIGENCE FOR**
3 **CAPNET.**

4 During fiscal year 2019, the Secretary of Defense
5 may transfer to the Director of National Intelligence,
6 under the authority in section 1001 of this Act, an amount
7 that does not exceed \$2,000,000 to provide support for
8 the operation of the classified network known as
9 CAPNET.

1 **Subtitle B—Counterdrug Activities**

2 **SEC. 1011 [Log 67992]. DEPARTMENT OF DEFENSE SUPPORT** 3 **FOR COMBATING OPIOID TRAFFICKING AND** 4 **ABUSE.**

5 (a) FINDINGS; SENSE OF CONGRESS.—

6 (1) FINDINGS.—Congress makes the following
7 findings:

8 (A) Over the past 15 years, opioid use in
9 the United States has grown exponentially.

10 (B) According to the Office of National
11 Drug Control Policy, the number of deaths re-
12 lated to opioids in the United States in 2016
13 was 42,269.

14 (C) Addiction and misuse of prescription
15 opioids continues to rise. According to the Of-
16 fice of National Drug Control Policy, in 2016,
17 11,500,000 people misused prescription opioids.

18 (D) The predominant amount of precur-
19 sors for fentanyl production are illicitly traf-
20 ficked from China.

21 (E) The Office of National Drug Control
22 Policy is the lead agency for coordinating the
23 Federal response to address the opioid epidemic
24 in the United States.

1 (F) The Department of Homeland Security
2 is the lead Federal agency in securing United
3 States borders from illicit trafficking.

4 (G) The Department of Defense plays a
5 vital supporting role in addressing the opioid
6 epidemic through intelligence analysis, edu-
7 cation, and assistance to other departments and
8 agencies in dealing with this challenge.

9 (2) SENSE OF CONGRESS.—It is the sense of
10 Congress that—

11 (A) the Department of Defense should pro-
12 vide support for interagency efforts to combat
13 the national opioid epidemic; and

14 (B) the role of the Department of Defense
15 is critical to identifying transnational criminal
16 organizations that allow illicit opioids to enter
17 the United States.

18 (b) DEPARTMENT OF DEFENSE SUPPORT FOR COM-
19 BATING OPIOID TRAFFICKING AND ABUSE.—Of the funds
20 authorized to be appropriated by this Act or otherwise
21 made available to the Department of Defense for National
22 Guard counterdrug programs for fiscal year 2019,
23 \$20,000,000 shall be made available to provide support
24 for United States interagency efforts to combat opioid

- 1 trafficking and abuse in the United States, as specified
- 2 in the funding table in Division D.

1 **SEC. 1032 [Log 67259]. PROHIBITION ON USE OF FUNDS FOR**
2 **TRANSFER OR RELEASE OF INDIVIDUALS DE-**
3 **TAINED AT UNITED STATES NAVAL STATION,**
4 **GUANTANAMO BAY, CUBA, TO THE UNITED**
5 **STATES.**

6 No amounts authorized to be appropriated or other-
7 wise made available for the Department of Defense may
8 be used during the period beginning on the date of the
9 enactment of this Act and ending on December 31, 2019,
10 to transfer, release, or assist in the transfer of or release
11 to or within the United States, its territories, or posses-
12 sions Khalid Sheikh Mohammed or any other detainee
13 who—

14 (1) is not a United States citizen or a member
15 of the Armed Forces of the United States; and

16 (2) is or was held on or after January 20,
17 2009, at United States Naval Station, Guantanamo
18 Bay, Cuba, by the Department of Defense.

1 **SEC. 1033 [Log 67260]. PROHIBITION ON USE OF FUNDS TO**
2 **CONSTRUCT OR MODIFY FACILITIES IN THE**
3 **UNITED STATES TO HOUSE DETAINEES**
4 **TRANSFERRED FROM UNITED STATES NAVAL**
5 **STATION, GUANTANAMO BAY, CUBA.**

6 (a) IN GENERAL.—No amounts authorized to be ap-
7 propriated or otherwise made available for the Depart-
8 ment of Defense may be used during the period beginning
9 on the date of the enactment of this Act and ending on
10 December 31, 2019, to construct or modify any facility
11 in the United States, its territories, or possessions to
12 house any individual detained at Guantanamo for the pur-
13 poses of detention or imprisonment in the custody or
14 under the control of the Department of Defense.

15 (b) EXCEPTION.—The prohibition in subsection (a)
16 shall not apply to any modification of facilities at United
17 States Naval Station, Guantanamo Bay, Cuba.

18 (c) INDIVIDUAL DETAINED AT GUANTANAMO DE-
19 FINED.—In this section, the term “individual detained at
20 Guantanamo” has the meaning given that term in section
21 1034(f)(2) of the National Defense Authorization Act for
22 Fiscal Year 2016 (Public Law 114–92; 129 Stat. 971; 10
23 U.S.C. 801 note).

1 **SEC. 1034 [Log 67262]. PROHIBITION ON USE OF FUNDS FOR**
2 **TRANSFER OR RELEASE OF INDIVIDUALS DE-**
3 **TAINED AT UNITED STATES NAVAL STATION,**
4 **GUANTANAMO BAY, CUBA, TO CERTAIN**
5 **COUNTRIES.**

6 No amounts authorized to be appropriated or other-
7 wise made available for the Department of Defense may
8 be used during the period beginning on the date of the
9 enactment of this Act and ending on December 31, 2019,
10 to transfer, release, or assist in the transfer or release of
11 any individual detained in the custody or under the control
12 of the Department of Defense at United States Naval Sta-
13 tion, Guantanamo Bay, Cuba, to the custody or control
14 of any country, or any entity within such country, as fol-
15 lows:

- 16 (1) Libya.
17 (2) Somalia.
18 (3) Syria.
19 (4) Yemen.

1 **Subtitle E—Miscellaneous**
2 **Authorities and Limitations**

3 **SEC. 1041 [Log 67461]. NOTIFICATION ON THE PROVISION**
4 **OF DEFENSE SENSITIVE SUPPORT.**

5 Section 1055 of the National Defense Authorization
6 Act for Fiscal Year 2017 (Public Law 114–328; 10 U.S.C.
7 113 note) is amended—

8 (1) in subsection (a)—

9 (A) in paragraph (1), by striking “; and”
10 and inserting a semicolon;

11 (B) in paragraph (2)(B), by striking the
12 period at the end and inserting a semicolon;
13 and

14 (C) by adding at the end the following new
15 paragraphs:

16 “(3) is requested by the non-Department of De-
17 fense Federal department or agency only after the
18 department or agency has first reasonably attempted
19 to use the resources of that department or agency to
20 accomplish the mission for which the department or
21 agency is making such request; and

22 “(4) is most appropriately provided by the De-
23 partment of Defense rather than another depart-
24 ment or agency of the Federal Government.”; and

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

3 “(4) REVERSE DEFENSE SENSITIVE SUPPORT
4 REQUEST.—The Secretary shall notify the congress-
5 sional defense committees (and the congressional in-
6 telligence committees with respect to matters relat-
7 ing to members of the intelligence community) of re-
8 quests made by the Secretary to a non-Department
9 of Defense Federal department or agency for sup-
10 port that requires special protection from disclosure
11 in the same manner and containing the same infor-
12 mation as the Secretary notifies such committees of
13 defense sensitive support requests under paragraphs
14 (1) and (3).”.

1 **SEC. 1042 [Log 67920]. COORDINATING UNITED STATES RE-**
2 **SPONSE TO MALIGN FOREIGN INFLUENCE**
3 **OPERATIONS AND CAMPAIGNS.**

4 (a) IN GENERAL.—Section 101 of the National Secu-
5 rity Act of 1947 (50 U.S.C. 3021) is amended—

6 (1) in subsection (b)—

7 (A) in paragraph (2), by striking “and” at
8 the end;

9 (B) in paragraph (3), by striking the pe-
10 riod and inserting “; and”; and

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

13 “(4) coordinate, without assuming operational
14 authority, the United States Government response to
15 malign foreign influence operations and cam-
16 paigns.”; and

17 (2) by adding at the end the following new sub-
18 sections:

19 “(g) COORDINATOR FOR COMBATING MALIGN FOR-
20 EIGN INFLUENCE OPERATIONS AND CAMPAIGNS.—

21 “(1) IN GENERAL.—The President shall des-
22 ignate an employee of the National Security Council
23 to be responsible for the coordination of the inter-
24 agency process for combating malign foreign influ-
25 ence operations and campaigns.

26 “(2) CONGRESSIONAL BRIEFING.—

1 “(A) IN GENERAL.—Not less frequently
2 than twice each year, the employee designated
3 under this subsection shall provide to the con-
4 gressional committees specified in subparagraph
5 (B) a briefing on the responsibilities and activi-
6 ties of the individual under this subsection.

7 “(B) COMMITTEES SPECIFIED.—The con-
8 gressional committees specified in this subpara-
9 graph are the following:

10 “(i) The Committees on Armed Serv-
11 ices, Foreign Affairs, and Oversight and
12 Government Reform, and the Permanent
13 Select Committee on Intelligence of the
14 House of Representatives.

15 “(ii) The Committees on Armed Serv-
16 ices, Foreign Relations, and Homeland Se-
17 curity and Governmental Affairs, and the
18 Select Committee on Intelligence of the
19 Senate.

20 “(h) DEFINITION OF MALIGN FOREIGN INFLUENCE
21 OPERATIONS AND CAMPAIGNS.—In this section, the term
22 ‘malign foreign influence operations and campaigns’
23 means the coordinated, integrated, and synchronized ap-
24 plication of national diplomatic, informational, military,
25 economic, business, corruption, educational, and other ca-

1 pabilities by hostile foreign powers to foster attitudes, be-
2 haviors, decisions, or outcomes within the United States.”.

3 (b) STRATEGY.—

4 (1) IN GENERAL.—Not later than 9 months
5 after the date of the enactment of this Act, the
6 President, acting through the National Security
7 Council, shall submit to the congressional commit-
8 tees specified in paragraph (2) a strategy to counter
9 malign foreign influence operations and campaigns
10 (as such term is defined in section 101(h) of the Na-
11 tional Security Act of 1947 (50 U.S.C. 3021), as
12 added by subsection (a)).

13 (2) COMMITTEES SPECIFIED.—The congres-
14 sional committees specified in this paragraph are the
15 following:

16 (A) The Committees on Armed Services,
17 Foreign Affairs, and Oversight and Government
18 Reform, and the Permanent Select Committee
19 on Intelligence of the House of Representatives.

20 (B) The Committees on Armed Services,
21 Foreign Relations, and Homeland Security and
22 Governmental Affairs, and the Select Com-
23 mittee on Intelligence of the Senate.

1 **SEC. 1043 [Log 67408]. MITIGATION OF OPERATIONAL RISKS**
2 **POSED TO CERTAIN MILITARY AIRCRAFT BY**
3 **AUTOMATIC DEPENDENT SURVEILLANCE-**
4 **BROADCAST EQUIPMENT.**

5 (a) IN GENERAL.—The Secretary of Transportation
6 may not—

7 (1) directly or indirectly require the installation
8 of automatic dependent surveillance-broadcast (here-
9 inafter in this section referred to as “ADS-B”)
10 equipment on fighter aircraft, bomber aircraft, or
11 other special mission aircraft owned or operated by
12 the Department of Defense;

13 (2) deny or reduce air traffic control services in
14 United States airspace or international airspace del-
15 egated to the United States to any aircraft described
16 in paragraph (1) on the basis that such aircraft is
17 not equipped with ADS-B equipment; or

18 (3) restrict or limit airspace access for aircraft
19 described in paragraph (1) on the basis such aircraft
20 are not equipped with ADS-B equipment.

21 (b) TERMINATION.—Subsection (a) shall cease to be
22 effective on the date that the Secretary of Transportation
23 and the Secretary of Defense jointly submit to the appro-
24 priate congressional committees notice that the Secre-
25 taries have entered into a memorandum of agreement or
26 other similar agreement providing that fighter aircraft,

1 bomber aircraft, and other special mission aircraft owned
2 or operated by the Department of Defense that are not
3 equipped or not yet equipped with ADS-B equipment will
4 be reasonably accommodated for safe operations in the
5 National Airspace System and provided with necessary air
6 traffic control services.

7 (c) RULE OF CONSTRUCTION.—Nothing in this sec-
8 tion may be construed to—

9 (1) vest in the Secretary of Defense any author-
10 ity of the Secretary of Transportation or the Admin-
11 istrator of the Federal Aviation Administration
12 under title 49, United States Code, or any other
13 provision of law;

14 (2) vest in the Secretary of Transportation or
15 the Administrator of the Federal Aviation Adminis-
16 tration any authority of the Secretary of Defense
17 under title 10, United States Code, or any other
18 provision of law; or

19 (3) limit the authority or discretion of the Sec-
20 retary of Transportation or the Administrator of the
21 Federal Aviation Administration to operate air traf-
22 fic control services to ensure the safe minimum sepa-
23 ration of aircraft in flight and the efficient use of
24 airspace.

1 (d) NOTIFICATION REQUIREMENT.—The Secretary
2 of Defense shall provide to the Secretary of Transpor-
3 tation notification of any aircraft the Secretary of Defense
4 designates as a special mission aircraft pursuant to sub-
5 section (e)(3).

6 (e) DEFINITIONS.—In this section:

7 (1) The term “appropriate congressional com-
8 mittees” means the congressional defense commit-
9 tees, the Committee on Transportation and Infra-
10 structure of the House of Representatives, and the
11 Committee on Commerce, Science, and Transpor-
12 tation of the Senate.

13 (2) The term “air traffic control services”
14 means services used for the monitoring, directing,
15 control, and guidance of aircraft or flows of aircraft
16 and for the safe conduct of flight, including commu-
17 nications, navigation, and surveillance services and
18 provision of aeronautical information.

19 (3) The term “special mission aircraft” means
20 an aircraft the Secretary of Defense designates for
21 a unique mission to which ADS-B equipment creates
22 a unique risk.

1 **SEC. 1052 [Log 67324]. REPORT ON JOINT ENTERPRISE DE-**
2 **FENSE INFRASTRUCTURE.**

3 (a) REPORT REQUIRED.—The Secretary of Defense
4 shall submit to the congressional defense committees a re-
5 port on the Joint Enterprise Defense Infrastructure. Such
6 report shall include each of the following:

7 (1) Information relating to the current composi-
8 tion of the Cloud Executive Steering Group and its
9 mission, objectives, goals, and strategy.

10 (2) A description of the characteristics and con-
11 siderations for accelerating the cloud architecture
12 and services required for a global, resilient, and se-
13 cure information environment to enable warfighting
14 and mission command, as validated by the Joint Re-
15 quirements Oversight Council for the Joint Enter-
16 prise Defense Infrastructure.

17 (3) Information relating to the approved acqui-
18 sition strategy and timeline for the Joint Enterprise
19 Defense Infrastructure, including estimated migra-
20 tion costs and timelines.

21 (4) A description of how the approved acquisi-
22 tion strategy referred to in paragraph (3) provides
23 for a full and open competition, enables the Depart-
24 ment of Defense to continuously leverage and ac-
25 quire new cloud computing capabilities, maintains
26 the ability of the Department to leverage other cloud

1 computing vendor products and services, incor-
2 porates elements to maintain security, and provides
3 for the best performance, cost, and schedule to meet
4 the cloud architecture and services requirements of
5 the Department for the duration of such contract.

6 (5) A description of the associated Joint Enter-
7 prise Defense Infrastructure program office, includ-
8 ing number of personnel, overhead cost, and organi-
9 zational structure.

10 (6) A description of the effect of the Joint En-
11 terprise Defense Infrastructure on and the relation-
12 ship of such Infrastructure to existing cloud com-
13 puting infrastructure, platform, and service con-
14 tracts across the Department of Defense, specifically
15 the effect and relationship to the private cloud infra-
16 structure of the Department, MilCloud 2.0 run by
17 the Defense Information Systems Agency.

18 (7) Information relating to the most recent De-
19 partment of Defense Cloud Computing Strategy and
20 description of any initiatives to update such Strat-
21 egy.

22 (8) Information relating to Department of De-
23 fense guidance pertaining to cloud computing capa-
24 bility or platform acquisition and standards, and a

1 description of any initiatives to update such guid-
2 ance.

3 (9) Any other matters the Secretary of Defense
4 determines relevant.

5 (b) LIMITATION ON USE OF FUNDS.—Of the
6 amounts authorized to be appropriated or otherwise made
7 available by this Act for fiscal year 2019 for acquisition
8 of services or associated program office support for the
9 Joint Enterprise Defense Infrastructure of the enterprise-
10 wide Cloud Executive Steering Group, not more than 50
11 percent may be obligated or expended until the Secretary
12 of Defense submits to the congressional defense commit-
13 tees the report required by subsection (a).

1 **SEC. 1055 [Log 67682]. MUNITIONS ASSESSMENTS AND FU-**
2 **TURE-YEARS DEFENSE PROGRAM REQUIRE-**
3 **MENTS.**

4 (a) **REQUIRED REPORTS.**—Not later than March 1,
5 2019, and annually thereafter, the Under Secretary of De-
6 fense for Acquisition and Sustainment, in consultation
7 with the Chairman of the Joint Chiefs of Staff shall sub-
8 mit to the congressional defense committees each of the
9 following:

10 (1) The most current munitions assessments, as
11 defined by Department of Defense Instruction Num-
12 ber 3000.04, relating to the Department of Defense
13 munitions requirements process.

14 (2) The most current sufficiency assessments,
15 as defined by such Department of Defense Instruc-
16 tion.

17 (3) The most current approved memorandum of
18 the Joint Requirements Oversight Council resulting
19 from the munitions requirements process.

20 (4) The planned funding and munitions require-
21 ments required for the first fiscal year beginning
22 after the date of the submittal of the report and
23 across the future-years defense program for muni-
24 tions across all military departments and the Missile
25 Defense Agency.

1 (5) The planned foreign military sales and for-
2 eign military financing orders for United States mu-
3 nitions across the future-years defense program.

4 (b) SUNSET.—The requirement to submit reports
5 and assessments under this section shall terminate on De-
6 cember 31, 2021.

7 (c) SUPPLY CHAIN ASSESSMENTS.—Beginning in fis-
8 cal year 2020, the Under Secretary shall evaluate supply
9 chain risks, including qualified supplier shortages and sin-
10 gle source supplier vulnerabilities for munitions produc-
11 tion. The Under Secretary shall include in the reports re-
12 quired under subsection (a) for fiscal year 2020 and any
13 subsequent fiscal year for which such reports are required
14 to be submitted, a list of munitions that are at risk of
15 production impacts from the loss of qualified suppliers.

1 **SEC. 1056 [Log 67789]. REPORT ON ESTABLISHMENT OF**
2 **ARMY FUTURES COMMAND.**

3 (a) REPORT REQUIRED.—Not later than February 1,
4 2019, the Secretary of the Army shall submit to the con-
5 gressional defense committees a report on the Army's plan
6 for the establishment of Army Futures Command.

7 (b) CONTENTS OF REPORT.—The report required by
8 subsection (a) shall include each of the following:

9 (1) A description of the mission of Army Fu-
10 tures Command.

11 (2) A description of the authorities and respon-
12 sibilities of the Commander of Army Futures Com-
13 mand.

14 (3) A description of the relationship between
15 such authorities and the authorities of the Army Ac-
16 quisition Authority and a description of any changes
17 to be made to the authorities and missions of other
18 Army major commands.

19 (4) A detailed description of the structure for
20 Army Futures Command, including grade require-
21 ments.

22 (5) A detailed description of any resources or
23 elements to be realigned from the Army Training
24 and Doctrine Command, Army Materiel Command,
25 Army Force Command, or Army Test and Evalua-
26 tion Command to Army Futures Command.

1 (6) An assessment of the number and location
2 of members of the Armed Forces and Department of
3 Defense civilian personnel expected to be assigned to
4 Army Futures Command.

5 (7) A cost estimate for the establishment of
6 Army Futures Command in fiscal year 2019 and
7 projected costs for each of fiscal years 2020 through
8 2023.

9 (8) Any other information relating to the com-
10 mand, as determined by the Secretary.

1 **SEC. 1057 [Log 67906]. ASSESSMENT OF DEPARTMENT OF**
2 **DEFENSE ELECTROMAGNETIC SPECTRUM**
3 **WARFARE ENTERPRISE.**

4 (a) PLAN REQUIRED.—The Secretary of Defense, in
5 consultation with the Chairman of the Joint Chiefs of
6 Staff, shall develop a plan, and the estimated cost and
7 schedule of implementing the plan, to conduct joint cam-
8 paign modeling and wargaming for joint electromagnetic
9 spectrum operations. Such plan shall include each of the
10 following:

11 (1) The capabilities and capacity, and the asso-
12 ciated governance and command and control archi-
13 tecture design, required to effectively employ mili-
14 tary forces designated to conduct multi-domain elec-
15 tromagnetic spectrum operations of the Department
16 of Defense.

17 (2) The fiscal and manpower resources required
18 to carry out paragraph (1) and to inform the budget
19 requests of the Department of Defense.

20 (3) The sufficiency of experimentation, testing,
21 and training infrastructure, ranges, instrumentation,
22 and threat simulators required to support the devel-
23 opment of electromagnetic spectrum capabilities.

24 (4) The sufficiency and overall effectiveness of
25 electromagnetic spectrum operations to inform joint
26 adaptive planning activities.

1 (5) All level 3 and level 4 contingency plans (as
2 such plans are described in Joint Publication 5-0 of
3 the Joint Chiefs of Staff, entitled “Joint Planning”
4 and dated June 16, 2017).

5 (b) REPORT.—

6 (1) IN GENERAL.—Not later than February 18,
7 2019, the Secretary of Defense shall submit to the
8 congressional defense committees a report on the
9 plan developed under subsection (a).

10 (2) FORM OF REPORT.—The report required by
11 paragraph (1) shall be submitted in unclassified
12 form, but may include a classified annex.

13 (c) ANNUAL BRIEFINGS.—

14 (1) IN GENERAL.—Not later than February 5,
15 2019, and annually thereafter for each of the next
16 five subsequent years, the Secretary of Defense, in
17 coordination with the Chairman of the Joint Chiefs
18 of Staff, shall provide to the Committee on Armed
19 Services of the House of Representatives a briefing
20 on the joint electromagnetic spectrum operations of
21 the Department of Defense. Such briefing shall in-
22 clude each of the following:

23 (A) An update on the governance, organi-
24 zational structure, and activities of the Elec-
25 tronic Warfare Executive Committee of the De-

1 partment of Defense, as established by memo-
2 randum of the Deputy Secretary of Defense on
3 March 17, 2015.

4 (B) An assessment of the progress in
5 achieving the goals and objectives described
6 in—

7 (i) the current strategy for the elec-
8 tromagnetic spectrum warfare enterprise
9 issued by the Executive Committee; and

10 (ii) Department of Defense Directive
11 3222.04, dated May 10, 2017.

12 (C) An assessment of the current readi-
13 ness, sufficiency, unity of effort, and mod-
14 ernization of the joint military services with re-
15 spect to joint electromagnetic spectrum capa-
16 bilities and the ability of the joint military serv-
17 ices to train and employ effectively in an elec-
18 tromagnetic spectrum warfare operational envi-
19 ronment for all level 3 and level 4 contingency
20 plans (as such plans are described in Joint
21 Publication 5-0 of the Joint Chiefs of Staff, en-
22 titled “Joint Planning” and dated June 16,
23 2017).

24 (D) The same information as is required to
25 be submitted under section 1053(b) of the Na-

1 tional Defense Authorization Act for Fiscal
2 Year 2010 (Public Law 111-84; 123 Stat.
3 2459).

4 (2) FORM OF BRIEFING.—Each briefing re-
5 quired by paragraph (1) shall be unclassified, but
6 may include a classified presentation.

7 (d) ONE-TIME BRIEFING.—

8 (1) IN GENERAL.—Not later than February 25,
9 2019, the Secretary of Defense, in coordination with
10 the Chairman of the Joint Chiefs of Staff, shall pro-
11 vide to the Committee on Armed Services of the
12 House of Representatives a briefing on the joint
13 electromagnetic spectrum operations of the Depart-
14 ment of Defense. Such briefing shall include each of
15 the following:

16 (A) An update on the progress of the De-
17 partment in implementing the pilot program au-
18 thorized by section 234 of the National Defense
19 Authorization Act for Fiscal Year 2017 (Public
20 Law 114-328; 10 U.S.C. 113 note).

21 (B) The progress of the Department in es-
22 tablishing and operationalizing joint electro-
23 magnetic spectrum operations cells at battle-
24 management and command and control loca-

1 tions of the combatant commanders and des-
2 ignated joint task force commanders.

3 (C) The progress of the Department in es-
4 tablishing a network to connect an electro-
5 magnetic battle management system to multiple
6 sensor and intelligence data feeds to implement
7 electronic warfare battle management for
8 networked electronic warfare and dynamic re-
9 programming with automated near real-time ca-
10 pabilities.

11 (D) The number of personnel assigned to
12 joint electromagnetic spectrum operations mis-
13 sion activities, to include officers, enlisted mem-
14 bers, and civilian personnel, set forth separately
15 by career field designator and rank for each
16 military service, combatant command, and de-
17 fense agency.

18 (E) A comparison of commissioned officer
19 promotion rates among the personnel described
20 in paragraph (d), by grade, compared to the av-
21 erage promotion rates for commissioned offi-
22 cers, by grade, in each military service, over the
23 five most recent promotion cycles that have
24 been completed since the end of fiscal year
25 2018.

1 (F) An assessment of Department of De-
2 fense governance, organizational alignment,
3 human capital, and other applicable resources
4 responsible for the development, management,
5 and implementation of joint electromagnetic
6 spectrum policy, doctrine, concepts, require-
7 ments, capabilities, and operational activities.

8 (2) FORM OF BRIEFING.—The briefing required
9 by paragraph (1) shall be unclassified, but may in-
10 clude a classified presentation.

11 (e) DEFINITIONS.—In this section:

12 (1) The term “electromagnetic battle manage-
13 ment” means the dynamic monitoring, assessing,
14 planning, and directing of joint electromagnetic
15 spectrum operations in support of a military com-
16 mander’s scheme of maneuver.

17 (2) The term “joint electromagnetic spectrum
18 operations” means those activities consisting of elec-
19 tronic warfare and joint electromagnetic spectrum
20 management operations used to exploit, attack, pro-
21 tect, and manage the electromagnetic operational en-
22 vironment to achieve a military commander’s objec-
23 tives.

1 **Subtitle G—Other Matters**

2 **SEC. 1061 [Log 67977]. TECHNICAL, CONFORMING, AND**
3 **CLERICAL AMENDMENTS.**

4 (a) TITLE 10, UNITED STATES CODE.—Title 10,
5 United States Code, is amended as follows:

6 (1) Sections 130j and 130k, as added by sec-
7 tion 1631 of the National Defense Authorization Act
8 for Fiscal Year 2018 (Public Law 115–91; 131 Stat.
9 1736), are amended by striking “section 3093 of
10 title 50, United States Code” both places it appears
11 and inserting “section 503 of the National Security
12 Act of 1947 (50 U.S.C. 3093)”.

13 (2) The table of sections at the beginning of
14 chapter 3 is amended by striking the items relating
15 to sections 130j and 130k and inserting the fol-
16 lowing new items:

“130j. Notification requirements for sensitive military cyber operations.
“130k. Notification requirements for cyber weapons.”.

17 (3) Section 131(b)(9), as amended by section
18 811, is further amended—

19 (A) by striking subparagraphs (B), (C),
20 and (D); and

21 (B) by redesignating subparagraphs (E),
22 (F), (G), and (H), as subparagraphs (B), (C),
23 (D), and (E), respectively.

1 (4) The table of sections at the beginning of
2 chapter 4 is amended by striking the item relating
3 to section 261 and inserting the following:

“241. Reference to chapters 1003, 1005, and 1007.”.

4 (5) Section 494(b)(2) is amended in the matter
5 preceding subparagraph (A) by striking “March 1,
6 2012, and annually thereafter” and inserting
7 “March 1 of each year”.

8 (6) Section 495(a) is amended by striking “Be-
9 ginning in fiscal year 2013, the” and inserting
10 “The”.

11 (7) Section 499a(d), as added by section
12 1652(a) of the National Defense Authorization Act
13 for Fiscal Year 2018 (Public Law 115–91; 131 Stat.
14 1757), is amended by striking “on or after the date
15 of the enactment of this section” and inserting
16 “after December 11, 2017,”.

17 (8) Section 637a(d) is amended by striking
18 “specialities” and inserting “specialties”.

19 (9) Section 664(d)(1) is amended by striking
20 “the the” and inserting “the”.

21 (10) The table of subchapters at the beginning
22 of chapter 47A is amended by striking the item re-
23 lating to subchapter VII and inserting the following:

“VII. POST-TRIAL PROCEDURE AND REVIEW OF MILITARY COMMISSIONS”.

1 (11) The table of sections at the beginning of
2 subchapter VII of chapter 47A is amended by strik-
3 ing the item relating to section 950g and inserting
4 the following:

“950g. Review by United States Court of Appeals for the District of Columbia
Circuit; writ of certiorari to Supreme Court.”.

5 (12) Section 950t is amended—

6 (A) in paragraph (9), by striking “attack.
7 or” and inserting “attack, or”;

8 (B) in paragraph (16), by striking “shall
9 punished” and inserting “shall be punished”;
10 and

11 (C) in paragraph (22), by adding a period
12 at the end.

13 (13) The table of sections at the beginning of
14 chapter 55 is amended by striking the item relating
15 to section 1077a and inserting the following:

“1077a. Access to military medical treatment facilities and other facilities.”.

16 (14) Section 1415(e) is amended by striking
17 “concerned”.

18 (15) Section 2006a(b)(3) is amended by strik-
19 ing “the such programs” and inserting “such pro-
20 grams”.

21 (16) Section 2279(c) is amended by striking
22 “subsection (a) and (b)” and inserting “subsections
23 (a) and (b)”.

1 (17) Section 2279c, as added by section
2 1601(a)(1) of the National Defense Authorization
3 Act for Fiscal Year 2018 (Public Law 115–91; 131
4 Stat. 1718), is amended—

5 (A) in subsection (a)(3), by striking “ the
6 date of the enactment of this Act” and insert-
7 ing “December 12, 2017”; and

8 (B) in subsection (b)—

9 (i) in the matter preceding paragraph
10 (1), by striking “ the date of the enact-
11 ment of this section” and inserting “De-
12 cember 12, 2017”; and

13 (ii) in paragraph (3), by striking “on
14 or after the date that is one year after the
15 date of the enactment of this section” and
16 inserting “after December 11, 2018”.

17 (18)(A) The second section 2279c, as added by
18 section 1602 of the National Defense Authorization
19 Act for Fiscal Year 2018 (Public Law 115–91; 131
20 Stat. 1721), is redesignated as section 2279d.

21 (B) The table of sections at the beginning of
22 chapter 135 is amended by inserting after the item
23 relating to section 2279c the following new item:

“2279d. Limitation on construction on United States territory of satellite posi-
tioning ground monitoring stations of certain foreign govern-
ments.”.

1 (19) Section 2313b(b)(1)(E), as added by sec-
2 tion 803(a) of the National Defense Authorization
3 Act for Fiscal Year 2018 (Public Law 115–91; 131
4 Stat. 1452), is amended by redesignating clauses
5 (A) and (B) as clauses (i) and (ii), respectively.

6 (20) Section 2324(e)(1) is amended by redesi-
7 gnating the second subparagraph (P) and subpara-
8 graph (Q) as subparagraphs (Q) and (R), respec-
9 tively.

10 (21) Section 2337a(d), as added by section
11 836(a)(1) of the National Defense Authorization Act
12 for Fiscal Year 2018 (Public Law 115–91; 131 Stat.
13 1473), is amended by striking “title 10, United
14 States Code” and inserting “this title”.

15 (22) Section 2374a(e) is amended by striking
16 “,” and inserting “,”.

17 (23)(A) Section 2380B is redesignated as sec-
18 tion 2380b.

19 (B) The item relating to such section in the
20 table of sections at the beginning of chapter 140 is
21 amended to read as follows:

 “2380b. Treatment of commingled items purchased by contractors as commer-
 cial items.”.

22 (24) The table of sections at the beginning of
23 chapter 141 is amended by striking the item relating

1 to section 2410s and inserting the following new
2 item:

“2410s. Security clearances for facilities of certain companies.”.

3 (25) The heading of section 2410s is amended
4 by striking the period at the end.

5 (26)(A) The heading of section 2414, as
6 amended by section 817(1) of the National Defense
7 Authorization Act for Fiscal Year 2018 (Public Law
8 115–91; 131 Stat. 1462), is amended to read as fol-
9 lows:

10 **“§ 2414. Funding”.**

11 (B) The item relating to such section in
12 the table of sections at the beginning of chapter
13 142 is amended to read as follows:

“2414. Funding.”.

14 (27) Section 2613(g) is amended by striking
15 “(1)”.

16 (28) Section 2679(a)(1) is amended by striking
17 “Federal government” and inserting “Federal Gov-
18 ernment”.

19 (29) The heading of section 2691, as amended
20 by section 2814(b)(1) of the National Defense Au-
21 thorization Act for Fiscal Year 2018 (Public Law
22 115–91), is amended to read as follows:

1 **“§ 2691. Restoration of land used by permit or dam-**
2 **aged by mishap; reimbursement of state**
3 **costs of fighting wildland fires”.**

4 (30) Section 2879(a)(2)(A), as added by section
5 2817(a)(1) of the National Defense Authorization
6 Act for Fiscal Year 2018 (Public Law 115–91), is
7 amended by striking “on or after the date of the en-
8 actment of this section” and inserting “after Decem-
9 ber 11, 2017,”.

10 (31) The heading of section 2914 is amended to
11 read as follows:

12 **“§ 2914. Energy resilience and conservation construc-**
13 **tion projects”.**

14 (32) Section 10504 is amended—

15 (A) in subsection (a), by striking “The
16 Chief” and inserting “(1) The Chief”; and

17 (B) by redesignating the second subsection
18 (b) as subsection (c).

19 (b) TITLE 32, UNITED STATES CODE.—Title 32,
20 United States Code, is amended in section 902, by striking
21 “the Secretary, determines” and inserting “the Secretary
22 determines”.

23 (c) NDAA FOR FISCAL YEAR 2018.—Effective as of
24 December 12, 2017, and as if included therein as enacted,
25 the National Defense Authorization Act for Fiscal Year

1 2018 (Public Law 115–91; 131 Stat. ____ et seq.) is
2 amended as follows:

3 (1) Section 834(a)(2) (131 Stat. 1470) is
4 amended by striking “subchapter I of”.

5 (2) Section 913(b) is amended by striking the
6 dash after the colon in the matter preceding para-
7 graph (1).

8 (3) Section 1051(d) is amended by inserting
9 “National” before “Defense Authorization Act”.

10 (4) Section 1691(i) is amended—

11 (A) by inserting “the” after “Title XIV
12 of”; and

13 (B) by inserting “as enacted into law by”
14 before “Public Law 106–398”.

15 (5) Section 2817(a)(2) is amended by striking
16 “table of sections for” and inserting “table of sec-
17 tions at the beginning of subchapter IV of”.

18 (6) Section 2831(b) is amended by inserting “of
19 title 10, United States Code,” after “chapter 173”.

20 (7) Section 2876(d) is amended—

21 (A) by inserting “In this section:” after
22 “DEFINITIONS.—”; and

23 (B) in paragraph (1)(A), in the matter
24 preceding clause (i), by inserting open quotation

1 marks before “beneficial” and close quotation
2 marks after “owner”.

3 (e) OTHER NDAAS.—

4 (1) FY2016.—Section 828(c) of the National
5 Defense Authorization Act for Fiscal Year 2016
6 (Public Law 114–92; 10 U.S.C. 2430 note), as
7 added by section 825(a)(4) of the National Defense
8 Authorization Act for Fiscal Year 2018 (Public Law
9 115–91; 131 Stat. 1466), is amended by inserting
10 “subsection” before “(b)”.

11 (2) FY2001.—Section 821(e) of the Floyd D.
12 Spence National Defense Authorization Act for Fis-
13 cal Year 2001 (as enacted into law by Public Law
14 106–398; 10 U.S.C. 2302 note) is amended by strik-
15 ing paragraph (2).

16 (f) OTHER LAWS.—

17 (1) TITLE 31.—Paragraph (1) of section
18 5112(p) of title 31, United States Code, as amended
19 by section 885 of the National Defense Authoriza-
20 tion Act for Fiscal Year 2018 (Public Law 115–91;
21 131 Stat. 1505), is amended by striking “, United
22 States Code” each place it appears.

23 (2) TITLE 49.—Subsection (h) of section 44718
24 of title 49, United States Code, as amended and re-
25 designated by sections 311(b)(3) and 311(e)(1) of

1 the National Defense Authorization Act for Fiscal
2 Year 2018 (Public Law 115–91), is amended—

3 (A) in paragraph (1), by striking “section
4 183a(g) of title 10” and inserting “section
5 183a(h)(1) of title 10” ; and

6 (B) in paragraph (2), by striking “section
7 183a(g) of title 10” and inserting “section
8 183a(h)(7) of title 10”.

9 (3) ATOMIC ENERGY DEFENSE ACT.—Section
10 4309(e) of the Atomic Energy Defense Act (50
11 U.S.C. 2575(c)) is amended by redesignating para-
12 graphs (17) and (18) as paragraphs (16) and (17),
13 respectively.

14 (g) CONFORMING AMENDMENTS RELATING TO THE
15 CHIEF MANAGEMENT OFFICER OF THE DEPARTMENT OF
16 DEFENSE.—

17 (1) CONFORMING AMENDMENTS.—

18 (A) Each of the following provisions law is
19 amended by striking “Deputy Chief Manage-
20 ment Officer” each place it appears and insert-
21 ing “Chief Management Officer”:

22 (i) Section 192(e)(2) of title 10,
23 United States Code.

24 (ii) Section 2222 of title 10, United
25 States Code.

1 (iii) Section 11319(d)(4) of title 40,
2 United States Code.

3 (iv) Section 881(a) of the National
4 Defense Authorization Act for Fiscal Year
5 2016 (Public Law 114–92; 10 U.S.C. 2302
6 note).

7 (v) Section 217 of the National De-
8 fense Authorization Act for Fiscal Year
9 2016 (Public Law 114–92; 10 U.S.C.
10 2445a note).

11 (B) Section 131(b) of title 10, United
12 States Code, as amended by subsection (a)(3)
13 of this section, is further amended—

14 (i) by striking paragraph (4); and

15 (ii) by redesignating paragraphs (5)
16 through (10) as paragraphs (4) through
17 (9), respectively.

18 (C) Section 137a(d) of title 10, United
19 States Code, is amended—

20 (i) by striking “the Secretaries of the
21 military departments,” and inserting “the
22 Chief Management Officer of the Depart-
23 ment of Defense, the Secretaries of the
24 military departments, and”; and

1 (ii) by striking “, and the Deputy
2 Chief Management Officer of the Depart-
3 ment of Defense”.

4 (D) Section 138(d) of title 10, United
5 States Code, is amended—

6 (i) by inserting “the Chief Manage-
7 ment Officer of the Department of De-
8 fense,” after “the Deputy Secretary of De-
9 fense,”; and

10 (ii) by striking “ the Deputy Chief
11 Management Officer of the Department of
12 Defense,”.

13 (E) Section 904(b)(4) the National De-
14 fense Authorization Act for Fiscal Year 2008
15 (Public Law 110–181; 10 U.S.C. 132 note.) is
16 amended—

17 (i) by striking “and Deputy Chief
18 Management Officer”and

19 (ii) by striking “as is necessary to as-
20 sist those officials in the performance of
21 their duties” and inserting “as is necessary
22 to assist the Chief Management Officer in
23 the performance of the duties assigned to
24 such official”.

1 (F) Section 5314 of title 5, United States
2 Code, is amended by striking “Deputy Chief
3 Management Officer of the Department of De-
4 fense.”.

5 (2) REFERENCES.—

6 (A) IN LAW OR REGULATION.—Any ref-
7 erence in a law (other than this Act) or regula-
8 tion in effect on the day before the date of the
9 enactment of this Act to the Deputy Chief Man-
10 agement Officer of the Department of Defense
11 is deemed to be a reference to the Chief Man-
12 agement Officer of the Department of Defense.

13 (B) IN OTHER DOCUMENTS, PAPERS, OR
14 RECORDS.—Any reference in a document,
15 paper, or other record of the United States pre-
16 pared before the date of the enactment of this
17 Act to the Deputy Chief Management Officer of
18 the Department of Defense is deemed to be a
19 reference to the Chief Management Officer of
20 the Department of Defense.

21 (h) COORDINATION WITH OTHER AMENDMENTS
22 MADE BY THIS ACT.—For purposes of applying amend-
23 ments made by provisions of this Act other than this sec-
24 tion, the amendments made by this section shall be treated

1 as having been enacted immediately before any such
2 amendments by other provisions of this Act.

1 **SEC. 1063 [Log 68010]. FEDERAL CHARTER FOR SPIRIT OF**
2 **AMERICA.**

3 (a) FEDERAL CHARTER.—Part B of subtitle II of
4 title 36, United States Code, is amended by inserting after
5 chapter 2003 the following new chapter:

6 **“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.

7 **“§ 200501. Organization**

8 “(a) FEDERAL CHARTER.—Spirit of America (in this
9 chapter ‘the corporation’), a nonprofit corporation, is a
10 federally chartered corporation.

11 “(b) EXPIRATION OF CHARTER.—If the corporation
12 does not comply with the provisions of this chapter, the
13 charter granted by this chapter expires.

14 “(c) SCOPE OF CHARTER.—Nothing in the charter
15 granted by this chapter shall be construed as conferring
16 special rights or privileges upon the corporation, or as
17 placing upon the Department of Defense any obligation
18 with respect to the corporation.

19 **“§ 200502. Purposes**

20 “The purposes of the corporation are as provided in
21 its constitution and bylaws and include the following:

1 “(1) To respond to the needs of local popu-
2 lations abroad, as identified by members of the
3 Armed Forces and diplomats of the United States
4 abroad.

5 “(2) To connect the people of the United States
6 more closely to the members of the Armed Forces
7 and diplomats of the United States abroad, and to
8 the missions carried out by such personnel abroad.

9 “(3) To demonstrate the goodwill of the people
10 of the United States to peoples around the world.

11 **“§ 200503. Governing body**

12 “(a) BOARD OF DIRECTORS.—

13 “(1) The board of directors is the governing
14 body of the corporation. The powers, duties, and re-
15 sponsibilities of the board are as provided in the
16 constitution and bylaws of the corporation.

17 “(2) The number of directors is as provided in
18 the constitution of the corporation. Their manner of
19 selection (including the filling of vacancies) and their
20 term of office are as provided in the constitution and
21 bylaws.

22 “(b) OFFICERS.—(1) The officers of the corporation
23 are a chairman of the board of directors, a president, one
24 or more vice presidents as provided in the constitution and
25 bylaws, a secretary, a treasurer, and one or more assistant

1 secretaries and assistant treasurers as provided in the con-
2 stitution and bylaws.

3 “(2) The manner of election, term of office, and du-
4 ties of the officers are as provided in the constitution and
5 bylaws.

6 **“§ 200504. Powers**

7 “The corporation may—

8 “(1) adopt and amend a constitution, by-laws,
9 and regulations to carry out the purposes of the cor-
10 poration;

11 “(2) adopt and alter a corporate seal;

12 “(3) establish and maintain offices to conduct
13 its activities;

14 “(4) enter into contracts;

15 “(5) acquire, own, lease, encumber, and trans-
16 fer property as necessary and appropriate to carry
17 out the purposes of the corporation;

18 “(6) establish, regulate, and discontinue subor-
19 dinate State and territorial subdivisions and local
20 chapters or posts;

21 “(7) publish a magazine and other publications
22 (including through the Internet);

23 “(8) sue and be sued;

24 “(9) do any other act necessary and proper to
25 carry out the purposes of the corporation as pro-

1 vided in its constitution, by-laws, and regulations;
2 and

3 “(10) to do any other act necessary and proper
4 to carry out the purposes stated in section 200502
5 of this title.

6 **“§ 200505. Restrictions**

7 “(a) PROFIT.—The corporation may not engage in
8 business activity for profit unless the activity is substan-
9 tially related to—

10 “(1) the purposes stated in 200502 of this title;
11 or

12 “(2) raising funds to accomplish those pur-
13 poses.

14 “(b) STOCK AND DIVIDENDS.—The corporation may
15 not issue stock or declare or pay a dividend.

16 “(c) POLITICAL ACTIVITIES.—The corporation shall
17 be nonpolitical and may not provide financial aid or assist-
18 ance to, or otherwise promote the candidacy of, an indi-
19 vidual seeking elective public office. A substantial part of
20 the activities of the corporation may not involve carrying
21 on propaganda or otherwise attempting to influence legis-
22 lation.

23 “(d) DISTRIBUTION OF INCOME OR ASSETS.—The
24 income or assets of the corporation may not inure to the
25 benefit of a governor, officer, member, or employee or be

1 distributed to any person during the life of the corporation
2 or on its dissolution or final liquidation. This subsection
3 does not prevent the payment of reasonable compensation
4 to an officer, employee, or other person or reimbursement
5 for actual necessary expenses in amounts approved by the
6 board of directors.

7 “(e) LOANS.—The corporation may not make a loan
8 to a governor, officer, member or employee.

9 “(f) NO CLAIM OF GOVERNMENTAL APPROVAL OR
10 AUTHORITY.—The corporation may not claim approval of
11 Congress, of the authority of the United States, for any
12 activity of the corporation.

13 **“§ 200506. Records and inspection**

14 “(a) RECORDS.—The corporation shall keep—

15 “(1) correct and complete records of account;

16 “(2) minutes of the proceedings of its members,
17 board of governors, and committees having any of
18 the authority of the corporation; and

19 “(3) at its principal office, a record of the
20 names and addresses of its members entitled to vote.

21 “(b) INSPECTION.—A member, or an agent or attor-
22 ney of a member, may inspect the records of the corpora-
23 tion for any proper purpose, at any reasonable time.

1 **“§ 200507. Duty to maintain tax-exempt status**

2 “If the corporation fails to maintain its status as an
3 organization exempt from taxation under the Internal
4 Revenue Code of 1986, the charter granted under this
5 chapter shall terminate.

6 **“§ 200508. Quarterly report**

7 “The corporation shall submit a quarterly report to
8 Congress on the activities of the corporation during the
9 prior fiscal year quarter. The report shall be submitted
10 at the same time as the report of the audit required by
11 section 10101 of this title.”.

12 (b) TABLES OF CHAPTERS.—The table of chapters
13 at the beginning of title 36, United States Code, and at
14 the beginning of subtitle II of such title, are each amended
15 by inserting after the item relating to chapter 2003 the
16 following new item:

“2005. Spirit of America200501”.

1 **SEC. 1064 [Log 67241]. TRANSFER OF AIRCRAFT TO OTHER**
2 **DEPARTMENTS.**

3 Section 1098 of the National Defense Authorization
4 Act for Fiscal Year 2014 (Public Law 113–66; 127 Stat.
5 881) is amended—

6 (1) by striking subsections (a) and (f);

7 (2) by redesignating subsections (b) through (e)
8 as subsections (a) through (d), respectively;

9 (3) by redesignating subsections (g) and (h) as
10 subsections (e) and (f);

11 (4) in subsection (a)(1), as so redesignated, by
12 striking “and subject to the certification requirement
13 under subsection (f),”; and

14 (5) in subsection (d), as so redesignated—

15 (A) by striking “Promptly following the
16 completion of the certification requirement
17 under subsection (f) and notwithstanding” and
18 inserting “Notwithstanding”; and

19 (B) by striking “shall begin transfer, with-
20 out reimbursement, of—” and inserting “shall
21 transfer, without reimbursement—”.

1 **SEC. 1066 [Log 68013]. RECOGNITION OF AMERICA'S VET-**
2 **ERANS.**

3 (a) **AUTHORIZATION OF SUPPORT.**—In order to
4 honor American veterans, including American veterans of
5 past wars that the Secretary of Defense determines have
6 not received appropriate recognition, the Secretary may
7 provide such support as the Secretary determines is appro-
8 priate for a parade to be carried out in the District of
9 Columbia. In providing support under this subsection, the
10 Secretary may expend funds for the display of small arms
11 and munitions appropriate for customary ceremonial hon-
12 ors and for the participation of military units that perform
13 customary ceremonial duties.

14 (b) **PROHIBITION.**—In providing support for a parade
15 as described in subsection (a), the Secretary may not ex-
16 pend funds to provide motorized vehicles, aviation plat-
17 forms, munitions other than the munitions specifically de-
18 scribed in subsection (a), operational military units, or
19 operational military platforms if the Secretary determines
20 that providing such units, platforms, or equipment would
21 undermine the readiness of such units, platforms, or
22 equipment.

1 **SEC. 1101. [LOG 67226] DIRECT HIRE AUTHORITY FOR THE**
2 **DEPARTMENT OF DEFENSE FOR CERTAIN**
3 **COMPETITIVE SERVICE POSITIONS.**

4 (a) IN GENERAL.—Chapter 99 of title 5, United
5 States Code, is amended by adding at the end the fol-
6 lowing:

7 **“§ 9905. Direct hire authority for certain personnel of**
8 **the Department of Defense**

9 “(a) IN GENERAL.—The Secretary of Defense may
10 appoint, without regard to the provisions of subchapter I
11 of chapter 33 (other than sections 3303 and 3328 of such
12 chapter), qualified candidates to any of the following posi-
13 tions in the competitive service in the Department of De-
14 fense:

15 “(1) Any position involved with Department
16 maintenance activities, including depot-level mainte-
17 nance and repair.

18 “(2) Any position involved with cybersecurity.

19 “(3) Any individual in the acquisition workforce
20 that manages any services contracts necessary to the
21 operation and maintenance of programs of the De-
22 partment.

23 “(4) Any science, technology, or engineering po-
24 sition, including any such position at the Major
25 Range and Test Facilities Base, in order to allow de-

1 velopment of new systems and provide for the main-
2 tenance of legacy systems.

3 “(b) SUNSET.—Effective on September 30, 2025, the
4 authority provided under subsection (a) shall expire.”.

5 (b) CLERICAL AMENDMENT.—The table of sections
6 at the beginning of chapter 99 of such title is amended
7 by inserting after the item relating to section 9904 the
8 following new item:

 “9905. Direct hire authority for certain personnel of the Department of De-
 fense.”.

1 **SEC. 1102. [LOG 67227] MODIFICATION OF DIRECT HIRE AU-**
2 **THORITY FOR THE DEPARTMENT OF DE-**
3 **FENSE FOR POST-SECONDARY STUDENTS**
4 **AND RECENT GRADUATES.**

5 (a) IN GENERAL.—Chapter 99 of title 5, United
6 States Code, as amended by section 1101(a), is further
7 amended by adding at the end the following:

8 **“§ 9906. Direct hire authority for the Department of**
9 **Defense for post-secondary students and**
10 **recent graduates**

11 “(a) IN GENERAL.—Without regard to sections 3309
12 through 3318, 3327, and 3330, the Secretary of Defense
13 may recruit and appoint qualified recent graduates and
14 current post-secondary students to competitive service po-
15 sitions in professional and administrative occupations
16 within the Department of Defense.

17 “(b) REGULATIONS.—

18 “(1) IN GENERAL.—The Secretary shall admin-
19 ister this section in accordance with regulations pre-
20 scribed by the Secretary for purposes of this section.

21 “(2) PUBLIC NOTICE AND ADVERTISING.—To
22 the extent practical, as determined by the Secretary,
23 the Secretary shall publicly advertise positions avail-
24 able under this section. In carrying out the pre-
25 ceding sentence, the Secretary shall—

1 “(A) take into account merit system prin-
2 ciples, mission requirements, costs, and organi-
3 zational benefits of any advertising of positions;
4 and

5 “(B) advertise such positions in the man-
6 ner the Secretary determines is most likely to
7 provide diverse and qualified candidates and en-
8 sure potential applicants have appropriate infor-
9 mation relevant to the positions available.

10 “(c) DEFINITIONS.—In this section—

11 “(1) the term ‘current post-secondary student’
12 means a person who—

13 “(A) is currently enrolled in, and in good
14 academic standing at, a full-time program at an
15 institution of higher education;

16 “(B) is making satisfactory progress to-
17 ward receipt of a baccalaureate or graduate de-
18 gree; and

19 “(C) has completed at least one year of the
20 program;

21 “(2) the term ‘institution of higher education’
22 has the meaning given the term in section 101 of the
23 Higher Education Act of 1965 (20 U.S.C. 1001);
24 and

1 “(3) the term ‘recent graduate’, with respect to
2 appointment of a person under this section, means
3 a person who was awarded a degree by an institu-
4 tion of higher education not more than two years be-
5 fore the date of the appointment of such person, ex-
6 cept that in the case of a person who has completed
7 a period of obligated service in a uniformed service
8 of more than four years, such term means a person
9 who was awarded a degree by an institution of high-
10 er education not more than four years before the
11 date of the appointment of such person.

12 “(d) SUNSET.—Effective on September 30, 2025, the
13 authority provided under this section shall expire.”.

14 (b) CLERICAL AMENDMENT.—The table of sections
15 at the beginning of chapter 99 of such title, as amended
16 by section 1101(b), is further amended by inserting after
17 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.”.

18 (c) REPEAL.—Section 1106 of the National Defense
19 Authorization Act for Fiscal Year 2017 (Public Law 114–
20 328) is repealed.

1 **SEC. 1106. [LOG 67948] EXTENSION OF AUTHORITY TO CON-**
2 **DUCT TELEWORK TRAVEL EXPENSES TEST**
3 **PROGRAMS.**

4 (a) **IN GENERAL.**—Section 5711(g) of title 5, United
5 States Code, is amended by striking “7 years after the
6 date of the enactment of the Telework Enhancement Act
7 of 2010” and inserting “on December 31, 2020”.

8 (b) **EFFECTIVE DATE.**—The amendment made by
9 subsection (a) shall take effect as though enacted on De-
10 cember 1, 2017.

1 **SEC. 1107. [LOG 67949] PERSONNEL DEMONSTRATION**
2 **PROJECTS.**

3 Section 4703 of title 5, United States Code, is
4 amended—

5 (1) in subsection (d), by striking paragraph (2)
6 and inserting the following:

7 “(2)(A) Except as provided in subparagraph (B), not
8 more than 10 active demonstration projects may be in ef-
9 fect at any time.

10 “(B) Any demonstration project authorized under
11 this section that is active for a period greater than 10
12 years shall not count for purposes of applying the limita-
13 tion in subparagraph (A).”; and

14 (2) by adding at the end the following:

15 “(j) Each agency at which a demonstration project
16 is ongoing shall submit an annual report to the Office of
17 Personnel Management, the Office and Management and
18 Budget, the Committee on Homeland Security and Gov-
19 ernmental Affairs of the United States Senate, and the
20 Committee on Oversight and Government Reform of the
21 United States House of Representatives that includes—

22 “(1) the aggregate performance appraisal rat-
23 ings and compensation costs for employees under a
24 demonstration project;

25 “(2) an assessment of the results of the dem-
26 onstration project, including its impact on mission

1 goals, employee recruitment, retention, and satisfac-
2 tion, and which may include the results of the survey
3 authorized under section 1128 of the National De-
4 fense Authorization Act for Fiscal Year 2004 (Pub-
5 lic Law 108–136; 5 U.S.C. 7101 note), commonly
6 referred to as the Federal Employee Viewpoint Sur-
7 vey, and performance management for employees;
8 and
9 “(3) a comparison of the items listed in (1) and
10 (2) with employees not covered by the demonstration
11 project.”.

1 **SEC. 1108. [LOG 67950] EXPANDED FLEXIBILITY IN SELECT-**
2 **ING CANDIDATES FROM REFERRAL LISTS.**

3 (a) EXPANDED FLEXIBILITY.—Subchapter I of chap-
4 ter 33 of title 5, United States Code, is amended by strik-
5 ing sections 3317 and 3318 and inserting the following:

6 **“§ 3317. Competitive service; certification using nu-**
7 **merical ratings**

8 “(a) CERTIFICATION.—

9 “(1) IN GENERAL.—The Director of the Office
10 of Personnel Management, or the head of an agency
11 to which the Director has delegated examining au-
12 thority under section 1104(a)(2), shall certify a suf-
13 ficient number of names from the top of the appro-
14 priate register or list of eligibles, as determined pur-
15 suant to regulations prescribed under subsection (c),
16 and provide a certificate with such names to an ap-
17 pointing authority that has requested a certificate of
18 eligibles to consider when filling a job in the com-
19 petitive service.

20 “(2) MINIMUM NUMBER OF NAMES CER-
21 TIFIED.—Unless otherwise provided for in regula-
22 tions prescribed under subsection (c), the number of
23 names certified under paragraph (1) shall be not
24 less than three.

25 “(b) DISCONTINUANCE OF CERTIFICATION.—When
26 an appointing authority, for reasons considered sufficient

1 by the Director or head of an agency, has three times con-
2 sidered and passed over a preference eligible who was cer-
3 tified from a register, the Director or head of any agency
4 may discontinue certifying the preference eligible for ap-
5 pointment. The Director or the head of an agency shall
6 provide to such preference eligible notice of the intent to
7 discontinue certifying such preference eligible prior to the
8 discontinuance of certification.

9 “(c) REGULATIONS.—The Director shall prescribe
10 regulations for the administration of this section. Such
11 regulations shall include the establishment of mechanisms
12 for identifying the eligibles who will be considered for each
13 vacancy. Such mechanisms may include cut-off scores.

14 “(d) DEFINITION.—In this section, the term ‘Direc-
15 tor’ means the Director of the Office of Personnel Man-
16 agement.

17 **“§ 3318. Competitive service; selections using numer-
18 ical ratings**

19 “(a) IN GENERAL.—An appointing authority shall se-
20 lect for appointment from the eligibles certified for ap-
21 pointment on a certificate furnished under section
22 3317(a), unless objection to one or more of the individuals
23 certified is made to, and sustained by, the Director of the
24 Office of Personnel Management or the head of an agency
25 to which the Director has delegated examining authority

1 under section 1104(a)(2), for proper and adequate reason
2 under regulations prescribed by the Director.

3 “(b) OTHER APPOINTING AUTHORITIES.—

4 “(1) IN GENERAL.—During the 240-day period
5 beginning on the date of issuance of a certificate of
6 eligibles under section 3317(a), an appointing au-
7 thority other than the appointing authority request-
8 ing the certificate (in this subsection referred to as
9 the ‘other appointing authority’) may select an indi-
10 vidual from that certificate in accordance with this
11 subsection for an appointment to a position that
12 is—

13 “(A) in the same occupational series as the
14 position for which the certification of eligibles
15 was issued (in this subsection referred to as the
16 ‘original position’); and

17 “(B) at a similar grade level as the origi-
18 nal position.

19 “(2) APPLICABILITY.—An appointing authority
20 requesting a certificate of eligibles may share the
21 certificate with another appointing authority only if
22 the announcement of the original position provided
23 notice that the resulting list of eligible candidates
24 may be used by another appointing authority.

1 “(3) REQUIREMENTS.—The selection of an in-
2 dividual under paragraph (1)—

3 “(A) shall be made in accordance with sub-
4 section (a); and

5 “(B) subject to paragraph (4), may be
6 made without any additional posting under sec-
7 tion 3327.

8 “(4) INTERNAL NOTICE.—Before selecting an
9 individual under paragraph (1), the other appointing
10 authority shall—

11 “(A) provide notice of the available posi-
12 tion to employees of the other appointing au-
13 thority;

14 “(B) provide up to 10 business days for
15 employees of the other appointing authority to
16 apply for the position; and

17 “(C) review the qualifications of employees
18 submitting an application.

19 “(c) PASS OVER.—

20 “(1) IN GENERAL.—Subject to subparagraph
21 (2), if an appointing authority proposes to pass over
22 a preference eligible certified for appointment under
23 subsection (a) and select an individual who is not a
24 preference eligible, the appointing authority shall file
25 written reasons with the Director or the head of the

1 agency for passing over the preference eligible. The
2 Director or the head of the agency shall make the
3 reasons presented by the appointing authority part
4 of the record of the preference eligible and may re-
5 quire the submission of more detailed information
6 from the appointing authority in support of the
7 passing over of the preference eligible. The Director
8 or the head of the agency shall determine the suffi-
9 ciency or insufficiency of the reasons submitted by
10 the appointing authority, taking into account any re-
11 sponse received from the preference eligible under
12 paragraph (2). When the Director or the head of the
13 agency has completed review of the proposed pass-
14 over of the preference eligible, the Director or the
15 head of the agency shall send its findings to the ap-
16 pointing authority and to the preference eligible. The
17 appointing authority shall comply with the findings.

18 “(2) PREFERENCE ELIGIBLE INDIVIDUALS WHO
19 HAVE A COMPENSABLE SERVICE-CONNECTED DIS-
20 ABILITY.—In the case of a preference eligible de-
21 scribed in section 2108(3)(C) who has a compen-
22 sable service-connected disability of 30 percent or
23 more, the appointing authority shall notify the Di-
24 rector under paragraph (1) and, at the same time,
25 notify the preference eligible of the proposed pass-

1 over, of the reasons for the proposed pass-over, and
2 of the individual's right to respond to those reasons
3 to the Director within 15 days of the date of the no-
4 tification. The Director shall, before completing the
5 review under paragraph (1), require a demonstration
6 by the appointing authority that the notification was
7 timely sent to the preference eligible's last known
8 address.

9 “(3) FURTHER CONSIDERATION NOT RE-
10 QUIRED.—When a preference eligible, for reasons
11 considered sufficient by the Director, or in the case
12 of a preference eligible described in paragraph (1),
13 by the head of an agency, has been passed over in
14 accordance with this subsection for the same posi-
15 tion, the appointing authority is not required to give
16 further consideration to that preference eligible while
17 selecting from the same list for a subsequent ap-
18 pointment to such position.

19 “(4) DELEGATION PROHIBITION.—In the case
20 of a preference eligible described in paragraph (2),
21 the functions of the Director under this subsection
22 may not be delegated to an individual who is not an
23 officer or employee of the Office of Personnel Man-
24 agement.

1 “(d) SPECIAL RULE REGARDING REEMPLOYMENT
2 LISTS.—When the names of preference eligibles are on a
3 reemployment list appropriate for the position to be filled,
4 an appointing authority may appoint from a register of
5 eligibles established after examination only an individual
6 who qualifies as a preference eligible under subparagraph
7 (C), (D), (E), (F), or (G) of section 2108(3).

8 “(e) CONSIDERATION NOT REQUIRED.—In accord-
9 ance with regulations prescribed by the Director, an ap-
10 pointing officer is not required to consider an eligible who
11 has been considered by the appointing officer for three
12 separate appointments from the same or different certifi-
13 cates for the same position.

14 “(f) REGULATIONS.—The Director shall prescribe
15 regulations for the administration of this section.

16 “(d) DEFINITION.—In this section, the term ‘Direc-
17 tor’ means the Director of the Office of Personnel Man-
18 agement.”.

19 (b) CONFORMING AMENDMENTS.—Such subchapter
20 is further amended—

21 (1) in section 3319—

22 (A) by amending the section heading to
23 read as follows:

1 **“§ 3319. Competitive service; selection using category**
2 **rating”; and**

3 (B) in subsection (c), by striking para-
4 graph (6), redesignating paragraph (7) as para-
5 graph (6), and amending paragraph (6) (as so
6 redesignated) to read as follows:

7 “(6) PREFERENCE ELIGIBLES.—

8 “(A) SATISFACTION OF CERTAIN REQUIRE-
9 MENTS.—Notwithstanding paragraphs (1) and
10 (2), an appointing official may not pass over a
11 preference eligible in the same category from
12 which selection is made, unless the require-
13 ments of sections 3317(b) and 3318(c), as ap-
14 plicable, are satisfied.

15 “(B) FURTHER CONSIDERATION NOT RE-
16 QUIRED.—When a preference eligible, for rea-
17 sons considered sufficient by the Director, or in
18 the case of a preference eligible described in
19 section 3318(c)(1), by the head of an agency,
20 has been passed over in accordance with section
21 3318(c) for the same position, the appointing
22 authority is not required to give further consid-
23 eration to that preference eligible while select-
24 ing from the same list for a subsequent ap-
25 pointment to such position.

1 “(C) LIST OF ELIGIBLES ISSUED FROM A
2 STANDING REGISTER; DISCONTINUATION OF
3 CERTIFICATION.—In the case of lists of eligibles
4 issued from a standing register, when an ap-
5 pointing authority, for reasons considered suffi-
6 cient by the Director or the head of an agency,
7 has three times considered and passed over a
8 preference eligible who was certified from a reg-
9 ister, certification of the preference eligible for
10 appointment may be discontinued. However, the
11 preference eligible is entitled to advance notice
12 of discontinuance of certification in accordance
13 with regulations prescribed by the Director.”;
14 and

15 (2) in the first sentence of section 3320, by
16 striking “sections 3308–3318” and inserting “sec-
17 tions 3308 through 3319”.

18 (c) CLERICAL AMENDMENT.—The table of sections
19 at the beginning of such chapter is amended by striking
20 the items relating to sections 3317, 3318, and 3319 and
21 inserting the following:

 “3317. Competitive service; certification using numerical ratings
 “3318. Competitive service; selection using numerical ratings
 “3319. Competitive service; selection using category rating”.

22 (d) EFFECTIVE DATE.—

23 (1) IN GENERAL.—The amendments made by
24 this section shall take effect on the date on which

1 the Director of the Office of Personnel Management
2 issues final regulations to implement sections 3317,
3 3318, and 3319 of title 5, United States Code, as
4 amended or added by this section.

5 (2) REGULATIONS REQUIRED.—The Director
6 shall issue regulations under paragraph (1) not later
7 than one year after the date of enactment of this
8 section.

1 **SEC. 1109. [LOG 67951] TEMPORARY AND TERM APPOINT-**
2 **MENTS IN THE COMPETITIVE SERVICE.**

3 (a) TEMPORARY AND TERM APPOINTMENTS.—Sub-
4 chapter I of chapter 31 of title 5, United States Code,
5 is amended by adding at the end the following:

6 **“§ 3115. Temporary and term appointments**

7 “(a) DEFINITIONS.—In this section:

8 “(1) DIRECTOR.—The term ‘Director’ means
9 the Director of the Office of Personnel Management.

10 “(2) TEMPORARY APPOINTMENT.—The term
11 ‘temporary appointment’ means an appointment in
12 the competitive service for a period of not more than
13 1 year.

14 “(3) TERM APPOINTMENT.—The term ‘term
15 appointment’ means an appointment in the competi-
16 tive service for a period of more than 1 year and not
17 more than 5 years.

18 “(b) APPOINTMENT.—

19 “(1) IN GENERAL.—The head of an Executive
20 agency may make a temporary appointment or term
21 appointment to a position in the competitive service
22 when the need for the services of the employee serv-
23 ices is not permanent.

24 “(2) EXTENSION.—Under conditions prescribed
25 by the Director, the head of an Executive agency
26 may—

1 “(A) extend a temporary appointment
2 made under paragraph (1) in increments of not
3 more than 1 year, up to a maximum of 3 total
4 years of service; and

5 “(B) extend a term appointment made
6 under paragraph (1) in increments determined
7 appropriate by the head of the Executive agen-
8 cy, up to a maximum of 6 total years of service.

9 “(c) APPOINTMENTS FOR CRITICAL HIRING
10 NEEDS.—Under conditions prescribed by the Director, the
11 head of an Executive agency may make a noncompetitive
12 temporary appointment, or a noncompetitive term ap-
13 pointment for a period of not more than 18 months, to
14 a position in the competitive service for which a critical
15 hiring need exists, without regard to the requirements of
16 sections 3327 and 3330. An appointment made under this
17 subsection may not be extended.

18 “(d) REGULATIONS.—The Director may prescribe
19 regulations to carry out this section, but is not required
20 to promulgate regulations prior to implementation of this
21 section.

22 “(e) SPECIAL PROVISION REGARDING THE DEPART-
23 MENT OF DEFENSE.—Nothing in this section shall pre-
24 clude the Secretary of Defense from making temporary
25 and term appointments in the competitive service pursu-

1 ant to section 1105 of the National Defense Authorization
2 Act for Fiscal Year 2017 (10 U.S.C. note prec. 1580; Pub-
3 lic Law 114–328; 130 Stat. 2447), and any regulations
4 prescribed by the Director for the administration of this
5 section shall not apply to the Secretary of Defense in the
6 exercise of the authorities granted under such section
7 1105.”.

8 (b) CLERICAL AMENDMENT.—The table of sections
9 for chapter 31 of title 5, United States Code, is amended
10 by inserting after the item relating to section 3114 the
11 following:

“3115. Temporary and term appointments.”.

1 **Subtitle A—Assistance and**
2 **Training**

3 **SEC. 1201. [LOG 67783] REPORT ON THE USE OF SECURITY**
4 **COOPERATION AUTHORITIES.**

5 (a) SENSE OF CONGRESS.—It is the sense of Con-
6 gress that the Secretary of Defense should utilize appro-
7 priate security cooperation authorities to counter malign
8 influence campaigns that are directed at allied and partner
9 countries and that pose a significant threat to the national
10 security of the United States.

11 (b) REPORT ON FUNDING.—The Secretary of De-
12 fense shall include with the consolidated budget materials
13 submitted to Congress as required by section 381 of title
14 10, United States Code, for fiscal year 2020, and for each
15 subsequent fiscal year through fiscal year 2025, a report
16 on the use of security cooperation funding to counter the
17 malign influence directed at allied and partner countries
18 and that pose a significant threat to the national security
19 of the United States.

1 **SEC. 1202. [LOG 67784] CLARIFICATION OF AUTHORITY TO**
2 **WAIVE CERTAIN EXPENSES FOR ACTIVITIES**
3 **OF THE REGIONAL CENTERS FOR SECURITY**
4 **STUDIES.**

5 Section 342 of title 10, United States Code, is
6 amended—

7 (1) in subsection (f)(3)—

8 (A) in subparagraph (A) in the first sen-
9 tence, by inserting “, including travel, transpor-
10 tation, and subsistence expenses,” after “activi-
11 ties of the Regional Centers”; and

12 (B) in subparagraph (B)(i), by inserting “,
13 including travel, transportation, and subsistence
14 expenses,” after “activities of the Regional Cen-
15 ters”;

16 (2) in subsection (h)(3)(A), by inserting “, in-
17 cluding travel, transportation, and subsistence ex-
18 penses,” after “Marshall Center”; and

19 (3) in subsection (i)(1), by inserting “, includ-
20 ing travel, transportation, and subsistence ex-
21 penses,” after “Daniel K. Inouye Center for Security
22 Studies”.

1 **SEC. 1205. [LOG 67399] PARTICIPATION IN AND SUPPORT**
2 **OF THE INTER-AMERICAN DEFENSE COL-**
3 **LEGE.**

4 (a) IN GENERAL.—Subchapter V of chapter 16 of
5 title 10, United States Code, is amended by adding at the
6 end the following new section:

7 **“§ 351. Inter-American Defense College**

8 “(a) AUTHORITY TO SUPPORT.—The Secretary of
9 Defense may authorize members of the armed forces and
10 civilian personnel of the Department of Defense to partici-
11 pate in the operation of and the provision of support to
12 the Inter-American Defense College and provide logistic
13 support, supplies, and services to the Inter-American De-
14 fense College, including the use of Department of Defense
15 facilities and equipment, as the Secretary considers nec-
16 essary to—

17 “(1) assist the Inter-American Defense College
18 in its mission to develop and offer to military offi-
19 cers and civilian officials from member states of the
20 Organization of American States advanced academic
21 courses on matters related to military and defense
22 issues, the inter-American system, and related dis-
23 ciplines; and

24 “(2) ensure that the Inter-American Defense
25 College provides an academic program of a level of
26 quality, rigor, and credibility that is commensurate

1 with the standards of Department of Defense senior
2 service colleges and that includes the promotion of
3 security cooperation, human rights, humanitarian
4 assistance and disaster response, peacekeeping, and
5 democracy in the Western Hemisphere.

6 “(b) MEMORANDUM OF UNDERSTANDING.—(1) The
7 Secretary of Defense, with the concurrence of the Sec-
8 retary of State, shall enter into a memorandum of under-
9 standing with the Inter-American Defense Board for the
10 participation of members of the armed forces and civilian
11 personnel of the Department of Defense in the operation
12 of and provision of host nation support to the Inter-Amer-
13 ican Defense College under subsection (a).

14 “(2) If Department of Defense facilities, equip-
15 ment, or funds will be used to support the Inter-
16 American Defense College under subsection (a), a
17 memorandum of understanding entered into under
18 paragraph (1) shall include a description of any
19 cost-sharing arrangement or other funding arrange-
20 ment relating to the use of such facilities, equip-
21 ment, or funds.

22 “(3) A memorandum of understanding entered
23 into under paragraph (1) shall also include a cur-
24 riculum and a plan for academic program develop-
25 ment.

1 “(c) USE OF FUNDS.—(1) Funds appropriated to the
2 Department of Defense for operation and maintenance
3 may be used to pay costs that the Secretary determines
4 are necessary for the participation of members of the
5 armed forces and civilian personnel of the Department of
6 Defense in the operation of and provision of host nation
7 support to the Inter-American Defense College, includ-
8 ing—

9 “(A) the costs of expenses of such partici-
10 pants;

11 “(B) the cost of hiring and retaining quali-
12 fied professors, instructors, and lecturers;

13 “(C) curriculum support costs, including
14 administrative costs, academic outreach, and
15 curriculum support personnel;

16 “(D) the cost of translation and interpreta-
17 tion services;

18 “(E) the cost of information and edu-
19 cational technology;

20 “(F) the cost of utilities; and

21 “(G) the cost of maintenance and repair of
22 facilities.

23 “(2) No funds may be used under this section
24 to provide for the pay of members of the armed
25 forces or civilian personnel of the Department of De-

1 fense who participate in the operation of and the
2 provision of host nation support to the Inter-Amer-
3 ican Defense College under this section.

4 “(3) Funds available to carry out this section
5 for a fiscal year may be used for activities that begin
6 in such fiscal year and end in the next fiscal year.

7 “(d) WAIVER OF REIMBURSEMENT.—The Secretary
8 of Defense may waive reimbursement for developing coun-
9 tries (as such term is defined in section 301 of this title)
10 of the costs of funding and other host nation support pro-
11 vided to the Inter-American Defense College under this
12 section if the Secretary determines that the provision of
13 such funding or support without reimbursement is in the
14 national security interest of the United States.

15 “(e) LOGISTIC SUPPORT, SUPPLIES, AND SERVICES
16 DEFINED.—In this section, the term ‘logistic support,
17 supplies, and services’ has the meaning given that term
18 in section 2350 of this title.”.

19 (b) CLERICAL AMENDMENT.—The table of sections
20 at the beginning of subchapter V of chapter 16 of such
21 title is amended by adding at the end the following new
22 item:

“Sec. 351. Inter-American Defense College.”.

1 **Subtitle B—Matters Relating to**
2 **Afghanistan and Pakistan**

3 **SEC. 1211. [LOG 67126] EXTENSION OF AUTHORITY TO**
4 **TRANSFER DEFENSE ARTICLES AND PRO-**
5 **VIDE DEFENSE SERVICES TO THE MILITARY**
6 **AND SECURITY FORCES OF AFGHANISTAN.**

7 (a) **EXTENSION OF EXPIRATION.**—Subsection (h) of
8 section 1222 of the National Defense Authorization Act
9 for Fiscal Year 2013 (Public Law 112–239; 126 Stat.
10 1992), as most recently amended by section 1211 of the
11 National Defense Authorization Act for Fiscal Year 2018
12 (Public Law 115–91; 131 Stat. 1648), is further amended
13 by striking “December 31, 2018” and inserting “Decem-
14 ber 31, 2020”.

15 (b) **EXCESS DEFENSE ARTICLES.**—Subsection (i)(2)
16 of such section 1222, as so amended, is further amended
17 by striking “December 31, 2018,” each place it appears
18 and inserting “December 31, 2020”.

1 **SEC. 1212. [LOG 67125] EXTENSION OF AUTHORITY FOR RE-**
2 **IMBURSEMENT OF CERTAIN COALITION NA-**
3 **TIONS FOR SUPPORT PROVIDED TO UNITED**
4 **STATES MILITARY OPERATIONS.**

5 (a) EXTENSION OF AUTHORITY.—Subsection (a) of
6 section 1233 of the National Defense Authorization Act
7 for Fiscal Year 2008 (Public Law 110–181; 122 Stat.
8 393), as most recently amended by section 1212 of the
9 National Defense Authorization Act for Fiscal Year 2018
10 (Public Law 115–91; 131 Stat. 1648), is further amended
11 by striking “the period beginning on October 1, 2017, and
12 ending on December 31, 2018” and inserting “the period
13 beginning on October 1, 2018, and ending on December
14 31, 2019”.

15 (b) EXTENSION OF LIMITATIONS.—Subsection (d)(1)
16 of such section 1233, as so amended, is further amend-
17 ed—

18 (1) in the first sentence, by striking “the period
19 beginning on October 1, 2017, and ending on De-
20 cember 31, 2018” and inserting “the period begin-
21 ning on October 1, 2018, and ending on December
22 31, 2019”; and

23 (2) in the second sentence, by striking “to
24 Pakistan during” and all that follows through “De-
25 cember 31, 2018” and inserting “to Pakistan during

1 the period beginning on October 1, 2018, and ending
2 on December 31, 2019”.

1 **Subtitle C—Matters Relating to**
2 **Syria, Iraq, and Iran**

3 **SEC. 1221. [LOG 67128] EXTENSION AND MODIFICATION OF**
4 **AUTHORITY TO PROVIDE ASSISTANCE TO**
5 **COUNTER THE ISLAMIC STATE OF IRAQ AND**
6 **SYRIA.**

7 (a) **AUTHORITY.**—Subsection (a) of section 1236 of
8 the Carl Levin and Howard P. “Buck” McKeon National
9 Defense Authorization Act for Fiscal Year 2015 (Public
10 Law 113–291; 128 Stat. 3559), as most recently amended
11 by section 1222 of the National Defense Authorization Act
12 for Fiscal Year 2018 (Public Law 115–91; 131 Stat.
13 1690), is further amended by striking “December 31,
14 2019” and inserting “December 31, 2020”.

15 (b) **FUNDING.**—Subsection (g) of such section, as so
16 amended, is further amended—

17 (1) by striking “fiscal year 2018” and inserting
18 “fiscal year 2019”; and

19 (2) by striking “\$1,269,000,000” and inserting
20 “\$850,000,000”.

1 **SEC. 1222. [LOG 67129] EXTENSION OF AUTHORITY TO PRO-**
2 **VIDE ASSISTANCE TO THE VETTED SYRIAN**
3 **OPPOSITION.**

4 (a) IN GENERAL.—Subsection (a) of section 1209 of
5 the Carl Levin and Howard P. “Buck” McKeon National
6 Defense Authorization Act for Fiscal Year 2015 (Public
7 Law 113–291; 128 Stat. 3541), as most recently amended
8 by section 1223 of the National Defense Authorization Act
9 for Fiscal Year 2018 (Public Law 115–91; 131 Stat.
10 1653), is further amended by striking “December 31,
11 2018” and inserting “December 31, 2019”.

12 (b) REPROGRAMMING REQUIREMENT.—

13 (1) IN GENERAL.—Subsection (f) of such sec-
14 tion 1209, as most recently amended by section
15 1221 of the National Defense Authorization Act for
16 Fiscal Year 2017 (Public Law 114–328; 130 Stat.
17 2485), is further amended by striking “December
18 31, 2018” and inserting “December 31, 2019”.

19 (2) LIMITATION ON THE USE OF FUNDS.—Be-
20 ginning on the date of the enactment of this section,
21 no funds may be requested to be reprogrammed pur-
22 suant to such subsection (f), as amended by para-
23 graph (1), until the date that is 30 days after the
24 date on which the President submits to the congres-
25 sional defense committees a plan that includes the
26 following:

1 (A) A description of the efforts the United
2 States will undertake to train and build appro-
3 priately vetted Syrian opposition forces.

4 (B) An assessment of the nature of the
5 forces receiving such assistance, including the
6 origins and affiliations of such forces and any
7 previous history of collaboration with the Syrian
8 Democratic Forces.

9 (C) An assessment of the current oper-
10 ational effectiveness of such forces.

11 (D) The conditions to be met for a deter-
12 mination that ISIS has been adequately neu-
13 tralized.

14 (E) A description of the roles and con-
15 tributions of partner countries to such assist-
16 ance, if any.

17 (F) The concept of operations, timelines,
18 and types of training, equipment, stipends,
19 sustainment, and supplies to be provided by the
20 United States, including measures for end-use
21 accountability with respect to resources, equip-
22 ment, and supplies after the resources, equip-
23 ment, and supplies are provided to such forces.

1 (G) A description of the force posture and
2 roles of the United States Armed Forces in-
3 volved in providing such assistance.

4 (3) FORM.—The plan described in paragraph
5 (2) shall be submitted in unclassified form but may
6 include a classified annex.

1 **SEC. 1223. [LOG 67130] EXTENSION AND MODIFICATION OF**
2 **AUTHORITY TO SUPPORT OPERATIONS AND**
3 **ACTIVITIES OF THE OFFICE OF SECURITY CO-**
4 **OPERATION IN IRAQ.**

5 (a) **EXTENSION OF AUTHORITY.**—Subsection (f)(1)
6 of section 1215 of the National Defense Authorization Act
7 for Fiscal Year 2012 (Public Law 112–81; 125 Stat.
8 1631; 10 U.S.C. 113 note), as most recently amended by
9 section 1224 of the National Defense Authorization Act
10 for Fiscal Year 2018 (Public Law 115–91; 131 Stat.
11 1654), is further amended by striking “fiscal year 2018”
12 and inserting “fiscal year 2019”.

13 (b) **LIMITATION ON AMOUNT.**—Subsection (c) of
14 such section is amended—

15 (1) by striking “fiscal year 2018” and inserting
16 “fiscal year 2019” ; and

17 (2) by striking “\$42,000,000” and inserting
18 “\$45,000,000”.

19 (c) **SOURCE OF FUNDS.**—Subsection (d) of such sec-
20 tion is amended by striking “fiscal year 2018” and insert-
21 ing “fiscal year 2019”.

1 **SEC. 1224. [LOG 67133] SENSE OF CONGRESS ON BALLISTIC**
2 **MISSILE COOPERATION TO COUNTER IRAN.**

3 (a) FINDINGS.—Congress finds the following:

4 (1) At the 2014 Strategic Cooperation Forum
5 in New York of the Gulf Cooperation Council, the
6 Foreign Ministers of member countries agreed in a
7 Joint Communique to “[e]nhance GCC-US security
8 coordination, particularly on Ballistic Missile De-
9 fense, by continuing to move forward on develop-
10 ment of a Gulf-Wide, interoperable missile defense
11 architecture.”.

12 (2) At the 2015 Strategic Cooperation Forum
13 in New York, the Foreign Ministers issued a Joint
14 Communique that “reaffirmed commitment
15 to . . . establishing a GCC interoperable ballistic mis-
16 sile defense architecture”.

17 (3) The White House Office of the Press Sec-
18 retary released a statement on May 14, 2015, that
19 at the 2015 United States—GCC Summit at Camp
20 David, “leaders discussed a new U.S.-GCC strategic
21 partnership to enhance their work to improve secu-
22 rity cooperation on . . . ballistic missile defense”.

23 (4) The White House Office of the Press Sec-
24 retary subsequently released a statement on April
25 21, 2016, that at the 2016 United States—GCC
26 Summit at Riyadh, “leaders affirmed need to remain

1 vigilant about addressing Iran’s destabilizing actions
2 in the region, including its ballistic missile pro-
3 gram”.

4 (b) SENSE OF CONGRESS.—It is the sense of Con-
5 gress that—

6 (1) member countries of the Gulf Cooperation
7 Council should take meaningful steps to develop and
8 implement an interoperable ballistic missile defense
9 architecture to defend against Iran’s ballistic missile
10 threat that emphasizes information sharing and in-
11 cludes early warning and tracking data, to enhance
12 the security of citizens, protect critical infrastruc-
13 ture, and deter Iran; and

14 (2) the United States should continue bilateral
15 and multilateral missile defense exercises in the re-
16 gion and, when practicable, increase the capacity of
17 United States partners through foreign military
18 sales.

1 **SEC. 1225. [LOG 67351] STRATEGY TO COUNTER DESTA-**
2 **BILIZING ACTIVITIES OF IRAN.**

3 (a) STRATEGY AUTHORIZED.—

4 (1) IN GENERAL.—The Secretary of Defense,
5 with the concurrence of the Secretary of State, is
6 authorized to develop and implement a strategy with
7 foreign partners to counter the destabilizing activi-
8 ties of Iran.

9 (2) ELEMENTS.—The strategy described in
10 paragraph (1)—

11 (A) should establish a cooperative frame-
12 work that includes—

13 (i) investing in intelligence, surveil-
14 lance, and reconnaissance platforms;

15 (ii) investing in mine countermeasures
16 resources and platforms;

17 (iii) investing in integrated air and
18 missile defense platforms and technologies;

19 (iv) sharing intelligence and data with
20 United States and such foreign countries;

21 (v) investing in cyber security and
22 cyber defense capabilities;

23 (vi) engaging in combined planning;

24 and

1 (vii) engaging in defense education,
2 institution building, doctrinal development,
3 and reform; and

4 (B) should provide for designation of a ci-
5 vilian or military officer or employee of the De-
6 partment of Defense and designation of a sen-
7 ior employee of the Department of State to im-
8 plement the cooperative framework described in
9 subparagraph (A).

10 (b) MULTILATERAL COORDINATION.—To enhance
11 cooperation and encourage military-to-military engage-
12 ment between the United States and foreign partners de-
13 scribed in subsection (a), the Secretary of Defense and
14 the Secretary of State should take appropriate actions to
15 ensure that exchanges between senior military officers and
16 senior civilian defense officials of the governments of such
17 foreign partners—

18 (1) are at a level appropriate to enhance en-
19 gagement between the militaries of such partners for
20 threat analysis, military doctrine, force planning,
21 mutual security interests, logistical support, and in-
22 telligence cooperation;

23 (2) enhance security cooperation, including
24 maritime security, special operations collaboration,
25 cyber cooperation, and integrated air and missile de-

1 fense and domain awareness, in the Middle East and
2 Southwest Asia regions; and

3 (3) accelerate the development of combined
4 military planning for missions to counter Iran that
5 may arise within the contours of shared national se-
6 curity interests.

7 (c) REPORT.—Not later than 180 days after the date
8 of the enactment of this Act, and annually thereafter
9 through December 31, 2021, the Secretary of Defense, in
10 consultation with the Secretary of State, should submit
11 to the congressional defense committees and the Com-
12 mittee on Foreign Relations of the Senate and the Com-
13 mittee on Foreign Affairs of the House of Representatives
14 a report on—

15 (1) the strategy described in subsection (a), in-
16 cluding a description of contributions of foreign
17 partners to the strategy; and

18 (2) the actions taken under subsection (b).

1 **SEC. 1226. [LOG 67766] REPORT ON COMPLIANCE OF IRAN**
2 **UNDER THE CHEMICAL WEAPONS CONVEN-**
3 **TION.**

4 (a) **FINDING.**—In the annual report submitted to
5 Congress in March 2018, consistent with condition
6 (10)(C) of the Resolution of Advice and Consent to Ratifi-
7 cation of the Convention on the Prohibition of the Devel-
8 opment, Production, Stockpiling and Use of Chemical
9 Weapons and on their Destruction (“Chemical Weapons
10 Convention”), entered into force on April 29, 1997, the
11 Secretary of State concluded that “(b)ased on available
12 information, the United States cannot certify Iran has met
13 its obligations under the Convention for declaration of: (1)
14 its chemical weapons production facility (CWPF); (2)
15 transfer of chemical weapons (CW); and (3) retention of
16 an undeclared CW stockpile”.

17 (b) **REPORT REQUIRED.**—Not later than February 1,
18 2019, the Secretary of Defense and the Secretary of State
19 shall submit to the appropriate congressional committees
20 a report assessing the extent to which Iran is complying
21 with its obligations under the Chemical Weapons Conven-
22 tion that includes the following:

23 (1) A description, assessment, and verification,
24 to the extent practicable, of any credible information
25 that Iran has assisted the Government of Syria in
26 committing actions that violate such treaty.

1 (2) A description of any dual-use technologies
2 that could advance Iran’s capability to produce
3 chemical weapons for offensive use.

4 (3) The implications of any activities or tech-
5 nologies described pursuant to paragraphs (1) and
6 (2) for Iran’s compliance with other international
7 obligations relating to nonproliferation.

8 (4) Any other matters the Secretaries deter-
9 mines to be relevant.

10 (c) FORM.—The report required under subsection (b)
11 shall be submitted in unclassified form but may include
12 a classified annex.

13 (d) APPROPRIATE CONGRESSIONAL COMMITTEES.—
14 In this section, the term “appropriate congressional com-
15 mittees” means the Committee on Armed Services and the
16 Committee on Foreign Affairs of the House of Representa-
17 tives.

1 **Subtitle D—Matters Relating to the**
2 **Russian Federation**

3 **SEC. 1231. [LOG 67160] PROHIBITION ON AVAILABILITY OF**
4 **FUNDS RELATING TO SOVEREIGNTY OF THE**
5 **RUSSIAN FEDERATION OVER CRIMEA.**

6 (a) PROHIBITION.—None of the funds authorized to
7 be appropriated by this Act or otherwise made available
8 for fiscal year 2019 for the Department of Defense may
9 be obligated or expended to implement any activity that
10 recognizes the sovereignty of the Russian Federation over
11 Crimea.

12 (b) WAIVER.—The Secretary of Defense, with the
13 concurrence of the Secretary of State, may waive the re-
14 striction on the obligation or expenditure of funds required
15 by subsection (a) if the Secretary—

16 (1) determines that to do so is in the national
17 security interest of the United States; and

18 (2) submits a notification of the waiver, at the
19 time the waiver is invoked, to the Committee on
20 Armed Services and the Committee on Foreign Rela-
21 tions of the Senate and the Committee on Armed
22 Services and the Committee on Foreign Affairs of
23 the House of Representatives.

1 **SEC. 1232. [LOG 67524] LIMITATION ON AVAILABILITY OF**
2 **FUNDS RELATING TO IMPLEMENTATION OF**
3 **THE OPEN SKIES TREATY.**

4 (a) PROHIBITION ON ACTIVITIES TO MODIFY
5 UNITED STATES AIRCRAFT.—

6 (1) IN GENERAL.—None of the funds author-
7 ized to be appropriated by this Act or otherwise
8 made available for fiscal year 2019 for research, de-
9 velopment, test, and evaluation, Air Force, for arms
10 control implementation (PE 0305145F), Aircraft
11 Procurement, Air Force (line item C135B0/C-
12 135B), or procurement, Air Force, for digital visual
13 imaging system (BA-05, Line Item #1900) may be
14 obligated or expended to carry out any activities to
15 modify any United States aircraft for purposes of
16 implementing the Open Skies Treaty until the Presi-
17 dent submits to the appropriate congressional com-
18 mittees the certification described in paragraph (2).

19 (2) CERTIFICATION.—

20 (A) IN GENERAL.—The certification de-
21 scribed in this paragraph is a certification of
22 the President that—

23 (i) the President has imposed treaty
24 violations responses and legal counter-
25 measures on the Russian Federation for its
26 violations of the Open Skies Treaty; and

1 (ii) the President has fully informed
2 the appropriate congressional committees
3 of such responses and countermeasures.

4 (B) DELEGATION.—The President may
5 delegate the responsibility for making a certifi-
6 cation under subparagraph (A) to the Secretary
7 of the State.

8 (3) APPROPRIATE CONGRESSIONAL COMMIT-
9 TEES DEFINED.—In this subsection, the term “ap-
10 propriate congressional committees” means—

11 (A) the congressional defense committees;
12 and

13 (B) the Committee on Foreign Relations of
14 the Senate and the Committee on Foreign Af-
15 fairs of the House of Representatives.

16 (b) LIMITATION ON USE OF FUNDS TO VOTE OR AP-
17 PROVE CERTAIN IMPLEMENTING DECISIONS OF THE
18 OPEN SKIES CONSULTATIVE COMMISSION.—

19 (1) IN GENERAL.—None of the funds author-
20 ized to be appropriated or otherwise made available
21 by this Act or any other Act for fiscal year 2019
22 may be used to vote to approve or otherwise adopt
23 any implementing decision of the Open Skies Con-
24 sultative Commission pursuant to Article X of the
25 Open Skies Treaty to authorize approval of requests

1 by state parties to the Treaty to certify infra-red or
2 synthetic aperture radar sensors pursuant to Article
3 IV of the Treaty unless and until the following re-
4 quirements are met:

5 (A) The Secretary of Defense, jointly with
6 the relevant United States Government officials,
7 submits to the appropriate congressional com-
8 mittees the following:

9 (i) A certification that the imple-
10 menting decision would not be detrimental
11 or otherwise harmful to the national secu-
12 rity of the United States.

13 (ii) A report on the Open Skies Trea-
14 ty that includes the following:

15 (I) The annual costs to the
16 United States associated with counter-
17 measures to mitigate potential abuses
18 of observation flights by the Russian
19 Federation carried out under the
20 Treaty over European and United
21 States territories involving infra-red
22 or synthetic aperture radar sensors.

23 (II) A plan, and its estimated
24 comparative cost, to replace the Trea-
25 ty architecture with an increased

1 sharing of overhead commercial im-
2 agery, consistent with United States
3 national security, with covered state
4 parties, excluding the Russian Federa-
5 tion.

6 (III) An evaluation by the Direc-
7 tor of National Intelligence of matters
8 concerning how an observation flight
9 described in clause (i) could implicate
10 intelligence activities of the Russian
11 Federation in the United States and
12 United States counterintelligence ac-
13 tivities and vulnerabilities.

14 (IV) An assessment of how such
15 information is used by the Russian
16 Federation, for what purpose, and
17 how the information fits into the Rus-
18 sian Federation's overall collection
19 posture.

20 (B) Not later than 90 days before the date
21 on which the United States votes to approve or
22 otherwise adopt any such implementing deci-
23 sion, the President shall submit to the appro-
24 priate congressional committees a certification
25 that—

1 (i) the Russian Federation—

2 (I) is in complete compliance
3 with its obligations under the Open
4 Skies Treaty;

5 (II) is not exceeding the imagery
6 limits set forth in the Treaty; and

7 (III) is allowing observation
8 flights by covered state parties over
9 all of Moscow, Chechnya, Kaliningrad,
10 and within 10 kilometers of its border
11 with Georgia's occupied territories of
12 Abkhazia and South Ossetia without
13 restriction and without inconsistency
14 to requirements under the Treaty;

15 (ii) covered state parties have been
16 notified and briefed on concerns of the in-
17 telligence community (as defined in section
18 3 of the National Security Act of 1947 (50
19 U.S.C. 3003)) regarding infra-red or syn-
20 thetic aperture radar sensors used under
21 the Open Skies Treaty; and

22 (iii) the Russian Federation has
23 agreed to—

24 (I) extradite the 13 Russian citi-
25 zens indicted on February 16, 2018,

1 by the Department of Justice for un-
2 dertaking unlawful activities against
3 the United States;

4 (II) remove illegally stationed
5 Russian troops and materiel from
6 Ukraine's autonomous Republic of
7 Crimea and the city of Sevastopol;

8 (III) cease all material financial
9 support for Russian proxies in East-
10 ern Ukraine; and

11 (IV) cease all military or finan-
12 cial support to any state that uses or
13 has used against its own civilian pop-
14 ulation any agent or substance banned
15 by the Chemical Weapons Convention.

16 (2) WAIVER.—

17 (A) IN GENERAL.—The President may
18 waive the application of paragraph (1) if the
19 President determines that—

20 (i) the waiver is in the national secu-
21 rity of the United States; and

22 (ii) the Russian Federation has taken
23 clear and verifiable action to return to full
24 and complete compliance with the Open
25 Skies Treaty.

1 (B) LIMITATION ON DELEGATION.—The
2 authority of the President under subparagraph
3 (A) to waive the application of paragraph (1)
4 may not be delegated.

5 (c) FORM.—Each certification and report required
6 under this section shall be submitted in unclassified form,
7 but may contain a classified annex if necessary.

8 (d) DEFINITIONS.—Except as otherwise provided, in
9 this section:

10 (1) APPROPRIATE CONGRESSIONAL COMMIT-
11 TEES.—The term “appropriate congressional com-
12 mittees” means—

13 (A) the Committee on Armed Services, the
14 Committee on Foreign Relations, and the Select
15 Committee on Intelligence of the Senate; and

16 (B) the Committee on Armed Services, the
17 Committee on Foreign Affairs, and the Perma-
18 nent Select Committee on Intelligence of the
19 House of Representatives.

20 (2) CHEMICAL WEAPONS CONVENTION.—The
21 term “Chemical Weapons Convention” means the
22 Convention on the Prohibition of the Development,
23 Production, Stockpiling and Use of Chemical Weap-
24 ons and on Their Destruction, entered into force on
25 April 29, 1997.

1 (3) COVERED STATE PARTY.—The term “cov-
2 ered state party” means a foreign country that—

3 (A) is a state party to the Open Skies
4 Treaty; and

5 (B) is a United States ally.

6 (4) INFRA-RED OR SYNTHETIC APERTURE
7 RADAR SENSOR.—The term “infra-red or synthetic
8 aperture radar sensor” means a sensor that is classi-
9 fied as—

10 (A) an infra-red line-scanning device under
11 category C of paragraph 1 of Article IV of the
12 Open Skies Treaty; or

13 (B) a sideways-looking synthetic aperture
14 radar under category D of paragraph 1 of Arti-
15 cle IV of the Open Skies Treaty.

16 (5) OBSERVATION FLIGHT.—The term “obser-
17 vation flight” has the meaning given such term in
18 Article II of the Open Skies Treaty.

19 (6) OPEN SKIES TREATY; TREATY.—The term
20 “Open Skies Treaty” or “Treaty” means the Treaty
21 on Open Skies, done at Helsinki March 24, 1992,
22 and entered into force January 1, 2002.

23 (7) RELEVANT UNITED STATES GOVERNMENT
24 OFFICIALS.—The term “relevant United States Gov-
25 ernment officials” means the following:

1 (A) The Secretary of Energy.

2 (B) The Secretary of Homeland Security.

3 (C) The Director of the Federal Bureau of
4 Investigation.

5 (D) The Director of National Intelligence.

6 (E) The Commander of U.S. Strategic
7 Command and the Commander of U.S. North-
8 ern Command in the case of an observation
9 flight over the territory of the United States.

10 (F) The Commander of U.S. European
11 Command in the case of an observation flight
12 other than an observation flight described in
13 subparagraph (E).

14 (8) SENSOR.—The term “sensor” has the
15 meaning given such term in Article II of the Open
16 Skies Treaty.

1 **SEC. 1233. [LOG 67525] COMPREHENSIVE RESPONSE TO**
2 **THE RUSSIAN FEDERATION'S MATERIAL**
3 **BREACH OF THE INF TREATY.**

4 (a) FINDINGS.—Congress finds the following:

5 (1) James Mattis, Secretary of Defense, testi-
6 fied before the House Armed Services Committee on
7 March 22, 2018, that “we have very modest expecta-
8 tions that they [Russia] would return to [INF] com-
9 pliance. As a result, in the Nuclear Posture Review,
10 we are looking for a way, at the lowest possible cost,
11 to checkmate them and make it in their best interest
12 to return to compliance.”.

13 (2) The Honorable Daniel Coats, Director of
14 National Intelligence, testified before the Senate
15 Armed Services Committee on March 6, 2018, that
16 the Russian Federation is violating the INF Treaty
17 because “Moscow probably believes that the new
18 GLCM provides sufficient advantages that make it
19 worth the risk of violating the INF Treaty.”.

20 (3) General Hyten, Commander of the United
21 States Strategic Command, also testified before the
22 Senate Armed Services Committee on March 20,
23 2018, about potential strategic advantages for China
24 stemming from their lack of participation in the
25 INF Treaty by saying that “they do not have any
26 limitations in the INF [Treaty], and they have built

1 significant numbers of intermediate-range ballistic
2 missiles that if they were in the INF [Treaty], they
3 would be contrary to the treaty”.

4 (4) General Joseph Dunford, Chairman of the
5 Joint Chiefs of Staff, testified before the House
6 Armed Services Committee on April 12, 2018, that
7 “we’re not only looking for operational concepts and
8 ways to deal with the Russian violation, but we’re
9 also at least posturing ourselves to develop weapons
10 should they be required”. Secretary of Defense
11 Mattis also stated in that same hearing “our effort
12 will be matched at State Department by movement
13 on arms control and nonproliferation. There are two
14 thrusts to our nuclear strategy. . .and that’s why
15 those funds have been requested.”.

16 (b) STATEMENT OF POLICY.—It is the policy of the
17 United States as follows:

18 (1) The actions undertaken by the Russian
19 Federation in violation of the INF Treaty, including
20 the flight-test, production, and possession of prohib-
21 ited systems, have defeated the object and purpose
22 of the INF Treaty, and thus constitute a material
23 breach of the INF Treaty.

24 (2) In light of the Russian Federation’s mate-
25 rial breach of the INF Treaty, the United States is

1 legally entitled to suspend the operation of the INF
2 Treaty in whole or in part for so long as the Russian
3 Federation continues to be in material breach of the
4 INF Treaty.

5 (3) For so long as the Russian Federation re-
6 mains in noncompliance with the INF Treaty, the
7 United States should take actions to encourage the
8 Russian Federation to return to compliance with the
9 INF Treaty, including by—

10 (A) providing additional funds for the ca-
11 pabilities identified in section 1243(d) of the
12 National Defense Authorization Act for Fiscal
13 Year 2016 (Public Law 114–92; 129 Stat.
14 1062) and the Intermediate-Range Nuclear
15 Forces Treaty Preservation Act of 2017 (Public
16 Law 115–91; 131 Stat. 1671); and

17 (B) seeking additional missile defense as-
18 sets in the European theater needed to fill mili-
19 tary capability gaps to protect United States
20 and NATO forces from ground-launched missile
21 systems of the Russian Federation that are in
22 noncompliance with the INF Treaty.

23 (c) IMPOSITION OF ARMS CONTROL SANCTIONS.—

24 (1) IN GENERAL.—An amount equal to not less
25 than 25 percent of the amount authorized to be ap-

1 appropriated or otherwise made available to the De-
2 partment of Defense for fiscal year 2019 to provide
3 support services to the Executive Office of the Presi-
4 dent, other than support services that are required
5 for senior leader communications services, shall be
6 withheld from obligation or expenditure until the
7 date on which the President has submitted to the
8 appropriate congressional committees the certifi-
9 cation described in paragraph (2).

10 (2) CERTIFICATION DESCRIBED.—The certifi-
11 cation described in this paragraph is a certification
12 of the President that—

13 (A) each requirement of section 1290 of
14 the National Defense Authorization Act for Fis-
15 cal Year 2017 (Public Law 114–328; 130 Stat.
16 2555; 22 U.S.C. 2593e) has been fully imple-
17 mented and is continuing to be fully imple-
18 mented;

19 (B) the President has notified the appro-
20 priate congressional committees under such sec-
21 tion 1290 of the imposition of measures de-
22 scribed in subsection (c) of such section with re-
23 spect to each person identified in a report
24 under subsection (a) of such section, including

1 a detailed description of the imposition of all
2 such measures; and

3 (C) the President has submitted the report
4 required by section 1244(e) of the National De-
5 fense Authorization Act for Fiscal Year 2018
6 (Public Law 115–91; 131 Stat. 1674) (relating
7 to report on plan to impose additional sanctions
8 with respect to the Russian Federation).

9 (d) DEFINITIONS.—In this section:

10 (1) APPROPRIATE CONGRESSIONAL COMMIT-
11 TEES.—The term “appropriate congressional com-
12 mittees” means—

13 (A) the Select Committee on Intelligence,
14 the Committee on Foreign Relations, the Com-
15 mittee on Armed Services, and the Committee
16 on Appropriations of the Senate; and

17 (B) the Permanent Select Committee on
18 Intelligence, the Committee on Foreign Affairs,
19 the Committee on Armed Services, and the
20 Committee on Appropriations of the House of
21 Representatives.

22 (2) INF TREATY.—The term “INF Treaty”
23 means the Treaty between the United States of
24 America and the Union of Soviet Socialist Republics
25 on the Elimination of Their Intermediate-Range and

1 Shorter-Range Missiles, signed at Washington De-
2 cember 8, 1987, and entered into force June 1,
3 1988.

4 (3) NEW START TREATY.—The term “New
5 START Treaty” means the Treaty between the
6 United States of America and the Russian Federa-
7 tion on Measures for the Further Reduction and
8 Limitation of Strategic Offensive Arms, signed at
9 Prague April 8, 2010, and entered into force Feb-
10 ruary 5, 2011.

11 (4) OPEN SKIES TREATY.—The term “Open
12 Skies Treaty” means the Treaty on Open Skies,
13 done at Helsinki March 24, 1992, and entered into
14 force January 1, 2002.

1 **SEC. 1234. [LOG 67577] MODIFICATION AND EXTENSION OF**
2 **UKRAINE SECURITY ASSISTANCE INITIATIVE.**

3 Section 1250 of the National Defense Authorization
4 Act for Fiscal Year 2016 (Public Law 114–92; 129 Stat.
5 1068), as most recently amended by section 1234 of the
6 National Defense Authorization Act for Fiscal Year 2018
7 (Public Law 115–91; 131 Stat. 1659), is further amend-
8 ed—

9 (1) in subsection (c)—

10 (A) in paragraph (1), by striking “50 per-
11 cent of the funds available for fiscal year 2018
12 pursuant to subsection (f)(3)” and inserting
13 “50 percent of the funds available for fiscal
14 year 2019 pursuant to subsection (f)(4)”; and

15 (B) in paragraph (3), by striking “fiscal
16 year 2018” and inserting “fiscal year 2019”;
17 and

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

20 “(5) LETHAL ASSISTANCE.—Of the funds avail-
21 able for fiscal year 2019 pursuant to subsection
22 (f)(4), \$50,000,000 shall be available only for lethal
23 assistance described in paragraphs (2) and (3) of
24 subsection (b).”;

25 (2) in subsection (f), by adding at the end the
26 following:

1 “(4) For fiscal year 2019, \$250,000,000.”; and
2 (3) in subsection (h), by striking “December
3 31, 2020” and inserting “December 31, 2021”.

1 **SEC. 1235. [LOG 67579] STATEMENT OF POLICY ON UNITED**
2 **STATES MILITARY INVESTMENT IN EUROPE.**

3 (a) FINDINGS.—Congress finds the following:

4 (1) Both the 2017 National Security Strategy
5 and the 2018 National Defense Strategy highlight
6 the Russian Federation as a long-term strategic
7 competitor to the United States.

8 (2) The Russian Federation uses a whole-of-so-
9 ciety approach to influence and attempt to shape the
10 information space, weaken American resolve and
11 confidence in its democracy, and undermine the
12 power and international standing of the United
13 States.

14 (3) Through the National Defense Authoriza-
15 tion Act for Fiscal Year 2015 (Public Law 113-
16 291), the National Defense Authorization Act for
17 Fiscal Year 2016 (Public Law 114-92), the National
18 Defense Authorization Act for Fiscal Year 2017
19 (Public Law 114-328), and the National Defense
20 Authorization Act for Fiscal Year 2018 (Public Law
21 115-91), Congress has authorized, in total, approxi-
22 mately \$9,800,000,000 for the European Reassur-
23 ance Initiative, now the European Deterrence Initia-
24 tive, to reassure partners and allies and build a
25 credible deterrent and defense against the Russian
26 Federation.

1 (b) STATEMENT OF POLICY.—It is the policy of the
2 United States to develop, implement, and sustain a cred-
3 ible deterrent against aggression and long-term strategic
4 competition by the Government of the Russian Federation
5 in order to enhance regional and global security and sta-
6 bility, including by the following:

7 (1) Increased United States presence in Europe
8 through additional permanently stationed forces, in-
9 cluding logistics enablers and a combat aviation bri-
10 gade.

11 (2) Continued United States presence in Eu-
12 rope through rotational forces.

13 (3) Increased United States pre-positioned mili-
14 tary equipment, including munitions, logistics
15 enablers, and a division headquarters.

16 (4) Sufficient and necessary infrastructure ad-
17 ditions and improvements throughout Europe.

18 (5) Increased investment and prioritization to
19 counter indirect action (such as information oper-
20 ations intended to influence), including sufficient
21 cyber, counter-propaganda, and intelligence re-
22 sources.

23 (6) Sufficient security cooperation resources
24 and opportunities with partners and allies, including

- 1 with member countries of the North Atlantic Treaty
- 2 Organization.

1 **SEC. 1236. [LOG 67997] IMPOSITION OF SANCTIONS WITH**
2 **RESPECT TO CERTAIN PERSONS PROVIDING**
3 **SOPHISTICATED GOODS, SERVICES, OR TECH-**
4 **NOLOGIES FOR USE IN THE PRODUCTION OF**
5 **MAJOR DEFENSE EQUIPMENT OR ADVANCED**
6 **CONVENTIONAL WEAPONS.**

7 (a) REPORT ON SANCTIONED PERSONS RELATING TO
8 RUSSIAN FEDERATION'S NOTED VIOLATION OF THE INF
9 TREATY.—

10 (1) REPORT.—

11 (A) IN GENERAL.—Not later than 120
12 days after the date of enactment of this Act,
13 the President shall submit to the appropriate
14 congressional committees a report that contains
15 a list of persons described in section 1290(a)(1)
16 of the National Defense Authorization Act for
17 Fiscal Year 2017 related to the Russian Fed-
18 eration's noted violation of the INF Treaty, as
19 noted in the 2016 Report on Adherence to and
20 Compliance With Arms Control, Nonprolifera-
21 tion, and Disarmament Agreements and Com-
22 mitments.

23 (B) FORM.—The report required by sub-
24 paragraph (A) shall be provided in unclassified
25 form, but may contain a classified annex.

1 (C) APPROPRIATE CONGRESSIONAL COM-
2 MITTEES DEFINED.—In this paragraph, the
3 term “appropriate congressional committees”
4 has the meaning given such term in section
5 1290(h) of the National Defense Authorization
6 Act for Fiscal Year 2017.

7 (2) INF TREATY DEFINED.—In this subsection,
8 the term “INF Treaty” means the Treaty Between
9 the United States of America and the Union of So-
10 viet Socialist Republics on the Elimination of Their
11 Intermediate-Range and Shorter-Range Missiles,
12 commonly referred to as the “Intermediate- Range
13 Nuclear Forces (INF) Treaty”, signed at Wash-
14 ington December 8, 1987, and entered into force
15 June 1, 1988.

16 (b) REPORT ON SUPPLY CHAINS FOR RUSSIAN ARMS
17 SALES PROGRAMS.—

18 (1) IN GENERAL.—Not later than 180 days
19 after the date of the enactment of this Act, the
20 President shall submit to the appropriate congres-
21 sional committees a report that contains the fol-
22 lowing:

23 (A) An analysis of the foreign and domes-
24 tic supply chains in the Russian Federation
25 that directly or indirectly significantly facili-

1 tates, supports, or otherwise aids the Govern-
2 ment of the Russian Federation’s development,
3 export, sale, or transfer of major defense equip-
4 ment or advanced conventional weapons.

5 (B) A description of the geographic dis-
6 tribution of the foreign and domestic supply
7 chains described in subparagraph (A), including
8 sources of sophisticated goods, services, or tech-
9 nologies used for or by Russia for the develop-
10 ment, export, sale, or transfer of such equip-
11 ment or weapons.

12 (C) An assessment of the ability of the
13 Russian Government to domestically manufac-
14 ture or otherwise produce the goods, services, or
15 technology necessary to support the develop-
16 ment, export, sale, or transfer of such equip-
17 ment or weapons.

18 (2) FORM.—The report required under para-
19 graph (1) shall be submitted in unclassified form,
20 but may contain a classified annex.

21 (3) APPROPRIATE CONGRESSIONAL COMMIT-
22 TEES DEFINED.—In this subsection, the term “ap-
23 propriate congressional committees” means—

1 (A) the Committee on Foreign Relations
2 and the Select Committee on Intelligence of the
3 Senate; and

4 (B) the Committee on Foreign Affairs and
5 the Permanent Select Committee on Intelligence
6 of the House of Representatives.

7 (c) IMPOSITION OF SANCTIONS WITH RESPECT TO
8 CERTAIN PERSONS PROVIDING SOPHISTICATED GOODS,
9 SERVICES, OR TECHNOLOGIES FOR USE IN THE PRODUC-
10 TION OF MAJOR DEFENSE EQUIPMENT OR ADVANCED
11 CONVENTIONAL WEAPONS.—

12 (1) IDENTIFICATION.—

13 (A) IN GENERAL.—Not later than 60 days
14 after the date of the submission of the report
15 under subsection (b), and annually thereafter
16 for 5 years, the President shall submit to the
17 appropriate congressional committees a report
18 that identifies each foreign person and each
19 agency or instrumentality of a foreign state
20 that the President determines is a foreign per-
21 son or an agency or instrumentality of a foreign
22 state described in subparagraph (B).

23 (B) FOREIGN PERSON OR AGENCY OR IN-
24 STRUMENTALITY OF A FOREIGN STATE DE-
25 SCRIBED.—A foreign person or an agency or in-

1 instrumentality of a foreign state described in
2 this subparagraph is a foreign person or an
3 agency or instrumentality of a foreign state
4 that—

5 (i) knowingly sells, leases, or other-
6 wise provides significant sophisticated
7 goods, services, or technology, to any enti-
8 ties owned or controlled by the Govern-
9 ment of the Russian Federation, or

10 (ii) engages in a significant trans-
11 action or transactions to sell, lease, or oth-
12 erwise provide such sophisticated goods,
13 services, or technologies, to entities bene-
14 ficially owned by the Russian Federation,
15 if such activity under clause (i) or transaction
16 under clause (ii) materially contributes to the
17 ability of Russia to develop or produce major
18 defense equipment or advanced conventional
19 weapons.

20 (C) FORM.—The report required under
21 subparagraph (A) shall be submitted in unclas-
22 sified form, but may contain a classified annex.

23 (D) EXCEPTION.—

24 (i) IN GENERAL.—The President shall
25 not be required to identify a foreign person

1 or an agency or instrumentality of a for-
2 eign state in a report pursuant to subpara-
3 graph (A) if—

4 (I) the foreign person or the
5 agency or instrumentality of a foreign
6 state notifies the United States Gov-
7 ernment in advance that it proposes
8 to engage in an activity under sub-
9 paragraph (B)(i) or a transaction
10 under subparagraph (B)(ii); and

11 (II) the President determines and
12 notifies the appropriate congressional
13 committees in classified form prior to
14 the foreign person or agency or in-
15 strumentality of a foreign state engag-
16 ing in the activity under subparagraph
17 (B)(i) or transaction under subpara-
18 graph (B)(ii) that such activity or
19 transaction is in the national interests
20 of the United States.

21 (ii) NON-APPLICABILITY.—The excep-
22 tion under clause (i) shall not apply with
23 respect to—

24 (I) an agency or instrumentality
25 of a foreign state the government of

1 which the Secretary of State deter-
2 mines has repeatedly provided support
3 for acts of international terrorism
4 pursuant to section 6(j) of the Export
5 Administration Act of 1979 (as con-
6 tinued in effect pursuant to the Inter-
7 national Emergency Economic Powers
8 Act), section 40 of the Arms Export
9 Control Act, section 620A of the For-
10 eign Assistance Act of 1961, or any
11 other relevant provision of law; or

12 (II) any activity under subpara-
13 graph (B)(i) or transaction under sub-
14 paragraph (B)(ii) that involves, di-
15 rectly or indirectly, a foreign state de-
16 scribed in subclause (I).

17 (2) SANCTIONS IMPOSED.—

18 (A) IN GENERAL.—Except as provided in
19 subparagraph (C), not later than 180 days
20 after the date of the submission of the report
21 under subsection (b), and annually thereafter
22 for 8 years, the President shall impose one or
23 more of the sanctions described in subpara-
24 graph (B) with respect to any foreign person or

1 agency or instrumentality of a foreign state
2 identified pursuant to paragraph (1).

3 (B) SANCTIONS DESCRIBED.—The sanc-
4 tions described in this subparagraph are the fol-
5 lowing:

6 (i) No sales of any defense articles,
7 defense services, or design and construc-
8 tion services under the Arms Export Con-
9 trol Act (22 U.S.C. 2751 et seq.) may be
10 made to the foreign person or agency or
11 instrumentality of the foreign state.

12 (ii) No licenses for export of any item
13 on the United States Munitions List that
14 include the foreign person or agency or in-
15 strumentality of the foreign state as a
16 party to the license may be granted.

17 (iii) No exports may be permitted to
18 the foreign person or agency or instrumen-
19 tality of the foreign state of any goods or
20 technologies controlled for national security
21 reasons under the Export Administration
22 Regulations, except that such prohibition
23 shall not apply to any transaction subject
24 to the reporting requirements of title V of
25 the National Security Act of 1947 (50

1 U.S.C. 413 et seq.; relating to congress-
2 sional oversight of intelligence activities).

3 (iv)(I) The President may exercise of
4 all powers granted to the President by the
5 International Emergency Economic Powers
6 Act (50 U.S.C. 1701 et seq.) (except that
7 the requirements of section 202 of such
8 Act (50 U.S.C. 1701) shall not apply) to
9 the extent necessary to block and prohibit
10 all transactions in all property and inter-
11 ests in property of a foreign person or
12 agency or instrumentality of the foreign
13 state if such property and interests in
14 property are in the United States, come
15 within the United States, or are or come
16 within the possession or control of a
17 United States person.

18 (II)(aa) The authority to impose sanc-
19 tions under subclause (I) shall not include
20 the authority to impose sanctions relating
21 to the importation of goods.

22 (bb) In item (aa), the term “good”
23 has the meaning given such term in section
24 16 of the Export Administration Act of
25 1979 (50 U.S.C. App. 2415) (as continued

1 in effect pursuant to the International
2 Emergency Economic Powers Act (50
3 U.S.C. 1701 et seq.)).

4 (cc) The penalties provided for in sub-
5 sections (b) and (c) of section 206 of the
6 International Emergency Economic Powers
7 Act (50 U.S.C. 1705) shall apply to a per-
8 son that violates, attempts to violate, con-
9 spires to violate, or causes a violation of
10 regulations promulgated under this section
11 to carry out subclause (I) to the same ex-
12 tent that such penalties apply to a person
13 that commits an unlawful act described in
14 section 206(a) of that Act.

15 (dd) Except as provided in subpara-
16 graph (I), the President may exercise all
17 authorities provided to the President under
18 sections 203 and 205 of the International
19 Emergency Economic Powers Act (50
20 U.S.C. 1702 and 1704) for purposes of
21 carrying out subclause (I).

22 (C) EXCEPTIONS.—The President shall not
23 be required to apply sanctions with respect to
24 a foreign person or an agency or instrumen-

1 tality of a foreign state identified pursuant to
2 paragraph (1)—

3 (i)(I) if the President certifies to the
4 appropriate congressional committees that
5 the foreign person or agency or instrumen-
6 tality of the foreign state—

7 (aa) is no longer carrying out ac-
8 tivities or transactions for which the
9 sanctions were imposed pursuant to
10 this paragraph; or

11 (bb) has taken and is continuing
12 to take significant verifiable steps to-
13 ward terminating the activities or
14 transactions for which the sanctions
15 were imposed pursuant to this para-
16 graph; and

17 (II) the President has received reliable
18 assurances from the foreign person or the
19 agency or instrumentality of the foreign
20 state that it will not carry out any activi-
21 ties or transactions for which sanctions
22 may be imposed pursuant to this para-
23 graph in the future;

24 (ii) in the case of procurement of de-
25 fense articles or defense services by the

1 United States Government under existing
2 contracts or subcontracts, including the ex-
3 ercise of options for production quantities
4 to satisfy requirements essential to the na-
5 tional security of the United States, if the
6 President determines in writing to the ap-
7 propriate congressional committees that—

8 (I) the foreign person or agency
9 or instrumentality of a foreign state
10 to which the sanctions would other-
11 wise be applied is a sole source sup-
12 plier of the defense articles or serv-
13 ices, that the defense articles or serv-
14 ices are essential, and that alternative
15 sources are not readily or reasonably
16 available; and

17 (II) it is in the national interest
18 and the President certifies such deter-
19 mination in writing to the appropriate
20 congressional committees; or

21 (iii) if the President certifies in writ-
22 ing to the appropriate congressional com-
23 mittees that the identification of the for-
24 eign person or agency or instrumentality of
25 a foreign state would impede the supply by

1 any entity of the Russian Federation of a
2 product or service, or the procurement of
3 such product or service, by the Govern-
4 ment of the United States—

5 (I) for purposes of civil aviation
6 safety; or

7 (II) in connection with any space
8 launch conducted for the Government
9 of the United States.

10 (3) WAIVER.—The President may waive the ap-
11 plication of paragraph (2) for renewable periods not
12 to exceed 180 days with respect to a foreign person
13 or foreign persons, or agency or instrumentality of
14 a foreign state, if the President—

15 (A) determines that the waiver is impor-
16 tant to the national security of the United
17 States; and

18 (B) before the waiver takes effect, briefs
19 the appropriate congressional committees on the
20 waiver and the reason for the waiver.

21 (4) DEFINITIONS.—In this subsection:

22 (A) ADVANCED CONVENTIONAL WEAP-
23 ONS.—The term “advanced conventional weap-
24 ons” includes—

1 (i) such long-range precision-guided
2 munitions, fuel air explosives, cruise mis-
3 siles, low observability aircraft, other radar
4 evading aircraft, advanced military air-
5 craft, military satellites, electromagnetic
6 weapons, and laser weapons that the Presi-
7 dent determines enhance offensive capabili-
8 ties in destabilizing ways;

9 (ii) such advanced command, control,
10 and communications systems, electronic
11 warfare systems, or intelligence collection
12 systems that the President determines en-
13 hance offensive capabilities in destabilizing
14 ways;

15 (iii) the S-300 and S-400 missile de-
16 fense systems and air superiority fighters;
17 and

18 (iv) such other items or systems as
19 the President may, by regulation, deter-
20 mine necessary for purposes of this sub-
21 section.

22 (B) AGENCY OR INSTRUMENTALITY OF A
23 FOREIGN STATE.—The term “agency or instru-
24 mentality of a foreign state” has the meaning

1 given such term in section 1603(b) of title 28,
2 United States Code.

3 (C) APPROPRIATE CONGRESSIONAL COM-
4 MITTEES.—The term “appropriate congress-
5 sional committees” means—

6 (i) the Committee on Foreign Rela-
7 tions, the Committee on Armed Services,
8 the Committee on Banking, Housing, and
9 Urban Affairs, and the Committee on Fi-
10 nance of the Senate; and

11 (ii) the Committee on Foreign Affairs,
12 the Committee on Armed Services, the
13 Committee on Financial Services, and the
14 Committee on Ways and Means of the
15 House of Representatives.

16 (D) FOREIGN PERSON.—The term “foreign
17 person” means—

18 (i) an individual who is not a United
19 States person; or

20 (ii) a corporation, partnership, or
21 other nongovernmental entity which is not
22 a United States person.

23 (E) MAJOR DEFENSE EQUIPMENT.—The
24 term “major defense equipment” has the mean-
25 ing given such term under section 120.8 of title

1 22, Code of Federal Regulations (as in effect on
2 the date of the enactment of this Act).

3 (F) PERSON.—The term “person”
4 means—

5 (i) a natural person;

6 (ii) a corporation, business associa-
7 tion, partnership, society, trust, financial
8 institution, insurer, underwriter, guar-
9 antor, and any other business organization,
10 any other nongovernmental entity, organi-
11 zation, or group, and any governmental en-
12 tity operating as a business enterprise; and

13 (iii) any successor to any entity de-
14 scribed in clause (ii).

15 (G) UNITED STATES PERSON.—The term
16 “United States person” means—

17 (i) a United States citizen or an alien
18 lawfully admitted for permanent residence
19 to the United States;

20 (ii) an entity organized under the laws
21 of the United States or of any jurisdiction
22 within the United States, including a for-
23 eign branch of such an entity; or

24 (iii) any person in the United States.

1 (5) DETERMINATION OF SOPHISTICATED.—The
2 Secretary of State, with the concurrence of the Sec-
3 retary of Defense and in coordination with the heads
4 of other relevant Federal agencies, shall promulgate
5 regulations to determine if a good, service, or tech-
6 nology is sophisticated for purposes of this section.

7 (6) DETERMINATION OF BENEFICIAL OWNER-
8 SHIP.—Not later than 90 days after the date of the
9 enactment of this Act, the President shall promul-
10 gate regulations for determining beneficial ownership
11 of an entity described in paragraph (1)(B)(ii) to be
12 less than fifty percent ownership.

13 (7) COOPERATION.—The Secretary of State
14 shall seek to consult and cooperate with United
15 States allies and partners to impose sanctions as re-
16 quired under this subsection and to maximize the ef-
17 fect of these sanctions.

18 (8) EFFECTIVE DATE.—This subsection takes
19 effect on the date of the enactment of this Act and
20 applies with respect to activities and transactions de-
21 scribed in paragraph (1) that are carried out on or
22 after such date of enactment.

23 (d) ADDITIONAL MEASURES FOR THE PURCHASE OF
24 CERTAIN DEFENSE ARTICLES OR DEFENSE SERVICES
25 FROM RUSSIA.—

1 (1) IN GENERAL.—In the case of an agency or
2 instrumentality of the Islamic Republic of Iran or of
3 any other state sponsor of terrorism that engages in
4 the activities described in paragraph (2), the Presi-
5 dent shall, pursuant to section 6 of the Export Ad-
6 ministration Act of 1979 (as continued in effect pur-
7 suant to the International Emergency Economic
8 Powers Act (50 U.S.C. 1701 et seq.)), require a li-
9 cense under the Export Administration Regulations
10 to export, re-export, or transfer to that foreign state,
11 or specific sectors of that foreign state, any item
12 subject to the Export Administration Regulations
13 other than food, medicine, or medical devices.

14 (2) ACTIVITIES DESCRIBED.—The activities de-
15 scribed in this paragraph are the purchase, lease, or
16 acquisition, on or after March 6, 2014, of major de-
17 fense equipment or advanced conventional weapons
18 from the Russian Federation.

19 (3) SUSPENSION OF APPLICATION.—The Presi-
20 dent may suspend the application of the measures
21 described in paragraph (1) for renewable periods not
22 to exceed 180 days if the President determines and
23 reports to the appropriate congressional committees
24 that it is in the national security interest of the
25 United States to do so.

1 (4) RULE OF CONSTRUCTION.—Nothing in this
2 subsection shall be construed to apply to reexports
3 of foreign manufactured items by non-United States
4 persons that contain less than 10 percent United
5 States-origin content, or previously licensed exports,
6 reexports, or transfers.

7 (5) DEFINITIONS.—In this subsection:

8 (A) ADVANCED CONVENTIONAL WEAP-
9 ONS.—The term “advanced conventional weap-
10 ons” has the meaning given such term in sub-
11 section (c).

12 (B) APPROPRIATE CONGRESSIONAL COM-
13 MITTEES.—The term “appropriate congress-
14 sional committees” means the Committee on
15 Foreign Relations of the Senate and the Com-
16 mittee on Foreign Affairs of the House of Rep-
17 resentatives.

18 (C) EXPORT ADMINISTRATION REGULA-
19 TIONS.—The term “Export Administration
20 Regulations” means subchapter C of chapter
21 VII of title 15, Code of Federal Regulations (as
22 in effect on the date of the enactment of this
23 Act).

1 (D) MAJOR DEFENSE EQUIPMENT.—The
2 term “major defense equipment” has the mean-
3 ing given such term in subsection (c).

4 (E) STATE SPONSOR OF TERRORISM.—The
5 term “state sponsor of terrorism” means a
6 country the government of which the Secretary
7 of State determines has repeatedly provided
8 support for acts of international terrorism pur-
9 suant to section 6(j) of the Export Administra-
10 tion Act of 1979 (as continued in effect pursu-
11 ant to the International Emergency Economic
12 Powers Act), section 40 of the Arms Export
13 Control Act, section 620A of the Foreign As-
14 sistance Act of 1961, or any other relevant pro-
15 vision of law.

16 (6) EFFECTIVE DATE.—The licensing require-
17 ment under paragraph (1) shall take effect not later
18 than 90 days after the date of the enactment of this
19 Act.

20 (e) SPECIAL RULE TO ALLOW FOR TERMINATION OF
21 SANCTIONS WITH RESPECT TO PERSONS ENGAGING IN
22 TRANSACTIONS WITH THE INTELLIGENCE OR DEFENSE
23 SECTORS OF THE GOVERNMENT OF THE RUSSIAN FED-
24 ERATION.—Section 231 of the Countering America’s Ad-

1 versaries Through Sanctions Act (Public Law 115–44; 22
2 U.S.C. 9525) is amended—

3 (1) by redesignating subsections (d) and (e) as
4 subsection (e) and (f), respectively; and

5 (2) by inserting after subsection (c), as amend-
6 ed, the following new subsection:

7 “(d) SPECIAL RULE TO ALLOW FOR TERMINATION
8 OF SANCTIONABLE ACTIVITY.—

9 “(1) CERTIFICATION.—The President shall not
10 be required to apply sanctions to a person described
11 in subsection (a) for renewable periods not to exceed
12 180 days with respect to the person if the President
13 certifies in writing to the appropriate congressional
14 committees that—

15 “(A) the person—

16 “(i) is no longer engaging in the activ-
17 ity described in subsection (a);

18 “(ii) has taken and is continuing to
19 take significant verifiable steps toward ter-
20 minating the activity described in that sub-
21 section; or

22 “(iii) has agreed to reduce reliance
23 upon Russian defense or intelligence sec-
24 tors of the Government of the Russian
25 Federation trade over a specified period;

1 “(B) the person is taking specified actions
2 to further the enforcement of this section; and

3 “(C) the President has received reliable as-
4 surances from the government with primary ju-
5 risdiction over the person that the person will
6 not engage in any activity described in sub-
7 section (a) in the future outside of the param-
8 eters of any actions specified in subparagraph
9 (A)(ii) or (iii) of such certification.

10 “(2) FORM.—The certification described in
11 paragraph (1) shall be transmitted in an unclassified
12 form, and may contain a classified annex.”.

13 (f) EXCEPTION RELATING TO IMPORTATION OF
14 GOODS.—No provision affecting sanctions under this sec-
15 tion or an amendment made by this section shall apply
16 to any portion of a sanction that affects the importation
17 of goods.

18 (g) TERMINATION.—This section, including the au-
19 thority to impose sanctions under this section and any
20 sanctions so imposed, and any amendment made by this
21 section shall terminate on the date that is 5 years after
22 the date of the enactment of this Act.

1 **SEC. 1237. [LOG 68004] EXTENSION OF LIMITATION ON**
2 **MILITARY COOPERATION BETWEEN THE**
3 **UNITED STATES AND THE RUSSIAN FEDERA-**
4 **TION.**

5 Section 1232(a) of the National Defense Authoriza-
6 tion Act for Fiscal Year 2017 (Public Law 114–328; 130
7 Stat. 2488), as amended by section 1231 of the National
8 Defense Authorization Act for Fiscal Year 2018 (Public
9 Law 115–91), is further amended by striking “or 2018”
10 and inserting “, 2018, or 2019”.

1 **Subtitle E—Matters Relating to the**
2 **Indo-Pacific Region**

3 **SEC. 1241. [LOG 67881] SUPPORT FOR INDO-PACIFIC STA-**
4 **BILITY INITIATIVE.**

5 (a) SENSE OF CONGRESS.—It is the sense of Con-
6 gress that—

7 (1) the Initiative established pursuant to sub-
8 section (b) of section 1251 of the National Defense
9 Authorization Act for Fiscal Year 2018 (Public Law
10 115–91; 131 Stat. 1676) bolsters the efforts of the
11 United States and its allies and partners in the
12 Indo-Pacific region to deter aggression by providing
13 resources to—

14 (A) increase the presence and capabilities
15 and enhance the posture of the United States
16 Armed Forces in the region;

17 (B) improve military and defense infra-
18 structure, basing, logistics, and access in the
19 Indo-Pacific region in order to enhance the re-
20 sponsiveness and capabilities of the United
21 States Armed Forces; and

22 (C) increase bilateral and multilateral
23 training and exercises with regional allies and
24 partners; and

1 (2) the United States should develop a multi-
2 year strategic plan that specifies resource priorities
3 to meet the objectives and the activities of the Initia-
4 tive described in subsection (c) of such section 1251.

5 (b) REQUIREMENT AND RESOURCE PLAN.—Not later
6 than March 1, 2019, the Secretary of Defense, in con-
7 sultation with the Secretary of State, shall submit to the
8 appropriate congressional committees a requirement and
9 resource plan that includes the following:

10 (1) An analysis of the challenges faced by the
11 United States to meet the objectives and activities
12 outlined in subsection (c) of such section 1251.

13 (2) The plan, resource requirements, and any
14 additional authorities needed through fiscal year
15 2024 to address such challenges.

16 (c) FORM.—The report required by subsection (b)
17 shall be submitted in unclassified form but may include
18 a classified annex.

19 (d) INCLUSION IN BUDGET MATERIALS.—The Sec-
20 retary of Defense shall also include the requirement and
21 resource plan required by subsection (b) in the budget ma-
22 terials submitted by the Secretary in support of the budget
23 of the President for fiscal year 2020 (submitted to Con-
24 gress pursuant to section 1105 of title 31, United States
25 Code).

1 (e) CONFORMING AMENDMENT.—Section 1251 of the
2 National Defense Authorization Act for Fiscal Year 2018
3 is amended by striking “Indo-Asia-Pacific” and inserting
4 “Indo-Pacific” each place it appears.

5 (f) APPROPRIATE CONGRESSIONAL COMMITTEES DE-
6 FINED.—In this section, the term “appropriate congres-
7 sional committees” means—

- 8 (1) the congressional defense committees; and
- 9 (2) the Committee on Foreign Relations of the
10 Senate and the Committee on Foreign Affairs of the
11 House of Representatives.

1 **SEC. 1242. [LOG 67149] UNITED STATES STRATEGY ON**
2 **CHINA.**

3 (a) FINDINGS.—Congress finds the following:

4 (1) The United States has a national strategic
5 interest in ensuring that the United States main-
6 tains political, diplomatic, economic, military, and
7 technological advantages over competitive adver-
8 saries.

9 (2) The 2018 National Defense Strategy states
10 that “the central challenge to the U.S. prosperity
11 and security is the reemergence of long-term, stra-
12 tegic competition by what the National Security
13 Strategy classifies as revisionist powers. It is in-
14 creasingly clear that China and Russia want to
15 shape a world consistent with their authoritarian
16 model—gaining veto authority over other nations’
17 economic, diplomatic, and security decisions”.

18 (3) The 2018 National Defense Strategy fur-
19 ther states that “China is leveraging military mod-
20 ernization, influence operations, and predatory eco-
21 nomics to coerce neighboring countries to reorder
22 the Indo-Pacific region to their advantage. As China
23 continues its economic and military ascendance, as-
24 serting power through an all-of-nation long term
25 strategy, it will continue to pursue a military mod-
26 ernization program that seeks Indo-Pacific regional

1 hegemony in the near-term and displacement of the
2 United States to achieve global preeminence in the
3 future”.

4 (4) Statements by officials of the United States
5 and leading experts have emphasized that the
6 United States requires a whole-of-government re-
7 sponse, across the full spectrum of capabilities, to
8 address the challenges posed by China.

9 (b) STATEMENT OF POLICY.—Congress declares that
10 long-term strategic competition with China is a principal
11 priority for the United States that requires the integration
12 of multiple elements of national power, including diplo-
13 matic, economic, intelligence, law enforcement, and mili-
14 tary elements, to protect and strengthen national security.

15 (c) STRATEGY REQUIRED.—

16 (1) IN GENERAL.—Not later than March 1,
17 2019, the President shall submit to the appropriate
18 congressional committees a report containing a
19 whole-of-government strategy with respect to the
20 People’s Republic of China.

21 (2) ELEMENTS OF STRATEGY.—The strategy
22 required by paragraph (1) shall include the fol-
23 lowing:

1 (A) Strategic assessments of and planned
2 responses to address the following activities by
3 the Chinese Communist Party:

4 (i) The use of political influence, in-
5 formation operations, censorship, and
6 propaganda to undermine democratic insti-
7 tutions and processes, and the freedoms of
8 speech, expression, press, and academic
9 thought.

10 (ii) The use of intelligence networks
11 to exploit open research and development.

12 (iii) The use of economic tools, includ-
13 ing market access and investment to gain
14 access to sensitive United States indus-
15 tries.

16 (iv) Malicious cyber activities.

17 (v) The use of investment, infrastruc-
18 ture, and development projects, such as
19 China's Belt and Road Initiative, in Africa,
20 Europe, Central Asia, South America, and
21 the Indo-Pacific region, and the Polar Silk
22 Road in the Arctic, as a means to gain ac-
23 cess and influence.

24 (vi) The use of military activities, ca-
25 pabilities, and defense installations, and

1 hybrid warfare methods, short of tradi-
2 tional armed conflict, against the United
3 States or its allies and partners.

4 (B) Available or planned methods to en-
5 hance strategic communication to counter Chi-
6 nese influence and promote United States inter-
7 ests.

8 (C) An identification of the key diplomatic,
9 development, intelligence, military, and eco-
10 nomic resources necessary to implement the
11 strategy.

12 (D) A plan to maximize the coordination
13 and effectiveness of such resources to counter
14 the threats posed by the activities described in
15 subparagraph (A).

16 (E) Available or planned interagency mech-
17 anisms for the coordination and implementation
18 of the strategy.

19 (3) FORM.—The report required by paragraph
20 (1) shall be submitted in unclassified form, but may
21 include a classified annex.

22 (4) ANNUAL BUDGET SUBMISSION.—The Presi-
23 dent shall ensure that the annual budget submitted
24 to Congress pursuant to section 1105 of title 31,
25 United States Code clearly highlights the programs

1 and projects proposed to be funded that relate to the
2 strategy required by paragraph (1).

3 (5) APPROPRIATE CONGRESSIONAL COMMIT-
4 TEES.—In this section, the term “appropriage con-
5 gressional committees” means—

6 (A) the Committee on Armed Services, the
7 Committee on Foreign Relations, the Select
8 Committee on Intelligence, the Committee on
9 Finance, the Committee on Homeland Security
10 and Governmental Affairs, the Committee on
11 the Judiciary, the Committee on Commerce,
12 Science, and Transportation, and the Com-
13 mittee on the Budget of the Senate; and

14 (B) the Committee on Armed Services, the
15 Committee on Foreign Affairs, the Permanent
16 Select Committee on Intelligence, the Com-
17 mittee on Financial Services, the Committee on
18 Homeland Security, the Committee on the Judi-
19 ciary, the Committee on Energy and Commerce,
20 and the Committee on the Budget of the House
21 of Representatives.

1 **SEC. 1243. [LOG 67503] STRENGTHENING TAIWAN'S FORCE**
2 **READINESS.**

3 (a) DEFENSE ASSESSMENT.—The Secretary of De-
4 fense shall, in consultation with appropriate counterparts
5 of Taiwan, conduct a comprehensive assessment of Tai-
6 wan's military forces, particularly Taiwan's reserves. The
7 assessment shall provide recommendations to improve the
8 efficiency, effectiveness, readiness, and resilience of Tai-
9 wan's self-defense capability in the following areas:

10 (1) Personnel management and force develop-
11 ment, particularly reserve forces.

12 (2) Recruitment, training, and military pro-
13 grams.

14 (3) Command, control, communications and in-
15 telligence.

16 (4) Technology research & development.

17 (5) Defense article procurement and logistics.

18 (6) Strategic planning and resource manage-
19 ment.

20 (b) REPORT REQUIRED.—

21 (1) IN GENERAL.—Not later than 1 year after
22 the date of the enactment of this Act, the Secretary
23 of Defense, in consultation with the Secretary of
24 State, shall submit to the appropriate congressional
25 committees a report containing each of the following:

1 (A) A summary of the assessment con-
2 ducted pursuant to subsection (a).

3 (B) A list of any recommendations result-
4 ing from such assessment.

5 (C) A plan for the United States, including
6 by using appropriate security cooperation au-
7 thorities, to—

8 (i) facilitate any relevant rec-
9 ommendations from such list;

10 (ii) expand senior military-to-military
11 engagement and joint training by the
12 United States Armed Forces with the mili-
13 tary of Taiwan; and

14 (iii) support United States foreign
15 military sales and other equipment trans-
16 fers to Taiwan, particularly for developing
17 asymmetric warfare capabilities.

18 (2) APPROPRIATE SECURITY COOPERATION AU-
19 THORITIES.—For purposes of the plan described in
20 paragraph (1)(C), the term “appropriate security co-
21 operation authorities” means—

22 (A) section 311 of title 10, United States
23 Code (relating to exchange of defense per-
24 sonnel);

1 (B) section 332 such title (relating to de-
2 fense institution building); and

3 (C) other security cooperation authorities
4 under chapter 16 of such title.

5 (3) APPROPRIATE CONGRESSIONAL COMMIT-
6 TEES.—In this subsection, the term “appropriate
7 congressional committees” means—

8 (A) the congressional defense committees;
9 and

10 (B) the Committee on Foreign Relations of
11 the Senate and the Committee on Foreign Af-
12 fairs of the House of Representatives.

1 **SEC. 1244. [LOG 67504] MODIFICATION, REDESIGNATION,**
2 **AND EXTENSION OF SOUTHEAST ASIA MARI-**
3 **TIME SECURITY INITIATIVE.**

4 (a) MODIFICATION AND REDESIGNATION.—

5 (1) IN GENERAL.—Subsection (a) of section
6 1263 of the National Defense Authorization Act for
7 Fiscal Year 2016 (Public Law 114–92; 129 Stat.
8 1073; 10 U.S.C. 2282 note), as amended by section
9 1289 of the National Defense Authorization Act for
10 Fiscal Year 2017 (Public Law 114–328; 130 Stat.
11 2555), is further amended—

12 (A) in paragraph (1), by striking “South
13 China Sea” and inserting “South China Sea
14 and Indian Ocean”; and

15 (B) in paragraph (2), by striking “the
16 ‘Southeast Asia Maritime Security Initiative’ ”
17 and inserting “the ‘Indo-Pacific Maritime Secu-
18 rity Initiative’ ”.

19 (2) CONFORMING AMENDMENT.—The heading
20 of such section is amended to read as follows:

“Sec. 1263. Indo-Pacific Maritime Security Initiative.”.

21 (b) COVERED COUNTRIES.—Subsection (e)(2) of
22 such section is amended by adding at the end the fol-
23 lowing:

24 “(D) India.”.

1 (c) DESIGNATION OF ADDITIONAL COUNTRIES.—

2 Such section is further amended—

3 (1) in subsection (e)(1), by striking “subsection
4 (f)” and inserting “subsection (g)”;

5 (2) by redesignating subsections (f), (g), and
6 (h) as subsections (g), (h), and (i), respectively; and

7 (3) by inserting after subsection (e) the fol-
8 lowing:

9 “(f) INCLUSION OF ADDITIONAL COUNTRIES.—The
10 Secretary of Defense, with the concurrence of the Sec-
11 retary of State, is authorized to include additional foreign
12 countries under subsection (b) for purposes of providing
13 assistance and training under subsection (a) and addi-
14 tional foreign countries under subsection (e)(2) for pur-
15 poses of providing payment of incremental expenses in
16 connection with training described in subsection (a)(1)(B)
17 if, with respect to each such additional foreign country,
18 the Secretary determines and certifies to the appropriate
19 committees of Congress that it is important for increasing
20 maritime security and maritime domain awareness in the
21 Indo-Pacific region.”.

22 (d) EXTENSION.—Subsection (i) of such section, as
23 redesignated, is amended by striking “September 30,
24 2020” and inserting “September 30, 2023”.

1 **SEC. 1245. [LOG 67505] MISSILE DEFENSE EXERCISES IN**
2 **THE INDO-PACIFIC REGION WITH UNITED**
3 **STATES REGIONAL ALLIES AND PARTNERS.**

4 (a) FINDINGS.—Congress finds the following:

5 (1) The Democratic People’s Republic of Korea
6 (North Korea) continues to develop, test, and threat-
7 en the use of intercontinental ballistic missiles and
8 nuclear weapons that threaten the United States
9 and United States allies and partners.

10 (2) The People’s Republic of China and the
11 Russian Federation continue to develop and deploy
12 advanced counter-intervention technologies, includ-
13 ing fielding and testing highly maneuverable reentry
14 vehicles and warheads (such as hypersonic weapons),
15 and cruise missiles and small-unmanned aircraft sys-
16 tems (UAS) that challenge United States strategic,
17 operational, and tactical freedom of movement and
18 maneuver.

19 (b) SENSE OF CONGRESS.—It is the sense of Con-
20 gress that the United States should—

21 (1) continue to develop and deploy a robust
22 missile defense in the Indo-Pacific region;

23 (2) increase the capacity of interceptors, sen-
24 sors, and operational concepts in the region;

1 (3) continue bilateral and multilateral oper-
2 ationally realistic missile defense exercises in the re-
3 gion;

4 (4) increase coordination with United States re-
5 gional allies and partners, including Japan, South
6 Korea, Australia, and other countries, as appro-
7 priate;

8 (5) begin planning for military exercises in
9 2020 with United States regional allies and partners
10 that is specifically focused on interoperability;

11 (6) integrate radar information from United
12 States and allied Patriot, Terminal High Altitude
13 Area Defense, Aegis, and other systems for region-
14 wide command and control capabilities;

15 (7) increase the capacity of United States allies
16 and partners through foreign military sales;

17 (8) seek increased areas of co-production for
18 components of missile defense systems; and

19 (9) develop new capabilities to address threats
20 to the region.

21 (c) MISSILE DEFENSE EXERCISES IN THE INDO-PA-
22 CIFIC REGION.—The Secretary of Defense may conduct
23 missile defense exercises in the Indo-Pacific region with
24 United States regional allies and partners to improve
25 interoperability.

1 (d) BRIEFING.—Not later than 120 days after the
2 date of the enactment of this Act, the Secretary of Defense
3 shall provide to the appropriate congressional committees
4 a briefing on plans for missile defense exercises as de-
5 scribed in subsection (c).

6 (e) APPROPRIATE CONGRESSIONAL COMMITTEES DE-
7 FINED.—In this section, the term “appropriate congres-
8 sional committees” means—

- 9 (1) the congressional defense committees; and
10 (2) the Committee on Foreign Relations of the
11 Senate and the Committee on Foreign Affairs of the
12 House of Representatives.

1 **SEC. 1246. [LOG 67507] QUADRILATERAL COOPERATION**
2 **AND EXERCISE.**

3 (a) SENSE OF CONGRESS.—It is the sense of Con-
4 gress that the United States, Japan, India, and Australia
5 should—

6 (1) promote security and stability in the Indo-
7 Pacific region;

8 (2) increase quadrilateral meetings to discuss
9 and strengthen interoperability of their respective
10 military and naval forces;

11 (3) plan joint quadrilateral military patrols and
12 exercises;

13 (4) promote the values of a free and open Indo-
14 Pacific region and address themes such as respect
15 for international law, maritime security, non-
16 proliferation, and terrorism in the region;

17 (5) explore joint regional infrastructure initia-
18 tives in the region;

19 (6) engage in maritime capacity building among
20 smaller Indo-Pacific countries;

21 (7) develop new capabilities to deter and defend
22 against threats to the region; and

23 (8) support regional institutions and bodies, in-
24 cluding the Association of Southeast Asian Nations
25 Regional Forum, to increase regional cooperation
26 with respect to maritime security and domain aware-

1 ness and to promote internationally accepted rules
2 and norms.

3 (b) EXERCISE.—The Secretary of Defense may con-
4 duct a quadrilateral naval military exercise.

5 (c) BRIEFING.—Not later than 120 days after the
6 date of the enactment of this Act, the Secretary of Defense
7 shall provide to the appropriate congressional committees
8 a briefing on the matters contained in this section.

9 (d) APPROPRIATE CONGRESSIONAL COMMITTEES
10 DEFINED.—In this section, the term “appropriate con-
11 gressional committees” means—

- 12 (1) the congressional defense committees; and
13 (2) the Committee on Foreign Relations of the
14 Senate and the Committee on Foreign Affairs of the
15 House of Representatives.

1 **SEC. 1247. [LOG 67930] NAME OF UNITED STATES INDO-PA-**
2 **CIFIC COMMAND.**

3 (a) IN GENERAL.—The combatant command known
4 as the United States Pacific Command shall, beginning
5 on January 1, 2020, be known as the “United States
6 Indo-Pacific Command”. Any reference to such combatant
7 command in any law, regulation, map, document, record,
8 or other paper of the United States shall be considered
9 to be a reference to the United States Indo-Pacific Com-
10 mand.

11 (b) CONFORMING AMENDMENTS.—

12 (1) ANNUAL REPORT ON NON-FEDERALIZED
13 SERVICE NATIONAL GUARD PERSONNEL, TRAINING,
14 AND EQUIPMENT REQUIREMENTS.—Section 10504
15 of title 10, United States Code, as amended by sec-
16 tion 1061(a)(32), is further amended in subsection
17 (c), as redesignated by such section, in paragraph
18 (3)(H) by striking “United States Pacific Com-
19 mand” and inserting “United States Indo-Pacific
20 Command”.

21 (2) CONTRACTING WITH THE ENEMY.—Section
22 843(4) of the Carl Levin and Howard P. “Buck”
23 McKeon National Defense Authorization Act for
24 Fiscal Year 2015 (Public Law 113–291; 10 U.S.C.
25 2302 note) is amended by striking “United States

- 1 Pacific Command” and inserting “United States
- 2 Indo-Pacific Command”.

1 **SEC. 1248. [LOG 67808] REQUIREMENT FOR CRITICAL LAN-**
2 **GUAGES AND EXPERTISE IN CHINESE, KO-**
3 **REAN, AND RUSSIAN.**

4 Not later than 180 days after the date of the enact-
5 ment of this Act, the Secretary of Defense shall—

6 (1) evaluate the operational requirements for
7 members of the Armed Forces possessing foreign
8 language expertise in critical East Asian languages,
9 including Chinese, Korean, and Russian; and

10 (2) submit to the congressional defense commit-
11 tees a plan to address any shortfalls in these critical
12 areas.

1 **Subtitle F—Other Matters**

2 **SEC. 1251. [LOG 67804] REPORT ON STATUS OF THE UNITED**
3 **STATES RELATIONSHIP WITH THE REPUBLIC**
4 **OF TURKEY.**

5 (a) FINDINGS.—Congress finds the following:

6 (1) The United States–Republic of Turkey rela-
7 tionship, over the past year, has become increasingly
8 strained due to several provocative actions taken by
9 the Government of Turkey.

10 (2) The potential purchase by the Government
11 of Turkey of the S-400 air and missile defense sys-
12 tem from the Russian Federation has led to tension
13 with the relationship.

14 (3) These actions could negatively impact com-
15 mon weapon system development between the United
16 States and Turkey.

17 (4) These actions could exacerbate current
18 North Atlantic Treaty Organization (NATO) inter-
19 operability challenges with respect to common mili-
20 tary architecture and information sharing.

21 (5) These actions could impact current bilateral
22 agreements between the United States and Turkey.

23 (b) REPORT REQUIRED.—

24 (1) IN GENERAL.—Not later than 60 days after
25 the date of the enactment of this Act, the Secretary

1 of Defense, in consultation with the Secretary of
2 State, shall submit to the appropriate congressional
3 committees a report on the status of the United
4 States relationship with the Republic of Turkey.

5 (2) MATTERS TO BE INCLUDED.—The report
6 required under this subsection shall include the fol-
7 lowing:

8 (A) An assessment of United States mili-
9 tary and diplomatic presence in Turkey, includ-
10 ing all military activities conducted from
11 Incirlik Air Base or elsewhere.

12 (B) An assessment of the potential pur-
13 chase by the Government of Turkey of the S-
14 400 air and missile defense system from the
15 Russian Federation and the potential effects of
16 such purchase on the United States-Turkey bi-
17 lateral relationship, including an assessment of
18 impacts on other United States weapon systems
19 and platforms operated jointly with Turkey to
20 include—

21 (i) the F-35 Lightning II Joint Strike
22 aircraft, to include co-production;

23 (ii) the Patriot surface-to-air missile
24 system;

1 (iii) the CH-47 Chinook heavy lift heli-
2 copter;

3 (iv) the AH-1 Attack helicopter;

4 (v) the H-60 Black Hawk utility heli-
5 copter; and

6 (vi) the F-16 Fighting Falcon air-
7 craft.

8 (C) An identification of potential alter-
9 native air and missile defense systems that
10 could be purchased by the Government of Tur-
11 key, including United States and other NATO
12 member state military air defense artillery sys-
13 tems.

14 (3) FORM.—The report required under this
15 subsection shall be submitted in unclassified form,
16 but may include a classified annex.

17 (c) LIMITATION.—The Secretary of Defense may not
18 take any action to execute delivery of a foreign military
19 sale for major defense equipment subject to congressional
20 notification under section 36 of the Arms Export Control
21 Act (22 U.S.C. 2778) (made under a letter of offer issued
22 under the authority of the Arms Export Control Act before
23 the date of the enactment of this Act) to the Republic of
24 Turkey until the Secretary submits to the appropriate con-

1 gressional committees the report required under sub-
2 section (b).

3 (d) APPROPRIATE CONGRESSIONAL COMMITTEES
4 DEFINED.—In this section, the term “appropriate con-
5 gressional committees” means—

- 6 (1) the congressional defense committees; and
7 (2) the Committee on Foreign Relations of the
8 Senate and Committee on Foreign Affairs of the
9 House of Representatives.

1 **SEC. 1252. [LOG 67131] SENSE OF CONGRESS ON UNITY OF**
2 **GULF COOPERATION COUNCIL MEMBER**
3 **COUNTRIES.**

4 It is the sense of Congress that—

5 (1) the member countries of the Gulf Coopera-
6 tion Council (GCC) are important security coopera-
7 tion partners of the United States;

8 (2) the unity of GCC member countries is crit-
9 ical to facing growing threats from Iran; and

10 (3) timely normalization of diplomatic, security,
11 and economic relationships among GCC member
12 countries is in the best interest of the United States.

1 **SEC. 1253. [LOG 67545] REPORT ON UNITED STATES GOV-**
2 **ERNMENT POLICE TRAINING AND EQUIPPING**
3 **PROGRAMS FOR MEXICO.**

4 (a) REPORT REQUIRED.—Not later than July 1,
5 2019, the President shall submit to the appropriate con-
6 gressional committees a report on United States Govern-
7 ment police training and equipping programs for Mexico.

8 (b) ELEMENTS.—The report required under sub-
9 section (a) shall include the following:

10 (1) A list of all United States Government de-
11 partments and agencies involved in implementing the
12 programs.

13 (2) A description of the scope, size, and compo-
14 nents of the programs for fiscal years 2017 and
15 2018, to include for each such program—

16 (A) the types of units receiving such assist-
17 ance, including national police, gendarmerie,
18 counternarcotics police, counterterrorism police,
19 Formed Police Units, border security, and cus-
20 toms;

21 (B) the purpose and objectives of the pro-
22 gram;

23 (C) the funding and personnel levels for
24 the program in each such fiscal year;

25 (D) the authority under which the program
26 is conducted;

1 (E) the name of the United States Govern-
2 ment department or agency with lead responsi-
3 bility for the program and the mechanisms for
4 oversight of the program;

5 (F) the extent to which the program is im-
6 plemented by contractors or United States Gov-
7 ernment personnel; and

8 (G) the metrics for measuring the results
9 of the program and an assessment of the im-
10 pact achieved from the program.

11 (3) An assessment of the requirements for the
12 programs, and what changes, if any, are required to
13 improve the capacity of the United States Govern-
14 ment to meet such requirements.

15 (4) An evaluation of the appropriate role of
16 United States Government departments and agen-
17 cies in carrying out and coordinating the programs.

18 (5) An evaluation of the appropriate role of
19 contractors in carrying out the programs, and what
20 modifications, if any, are needed to improve over-
21 sight of such contractors.

22 (6) Recommendations for legislative modifica-
23 tions, if any, to existing authorities relating to the
24 programs.

1 (c) APPROPRIATE CONGRESSIONAL COMMITTEES.—

2 In this section, the term “appropriate congressional com-
3 mittees” means—

4 (1) the congressional defense committees; and

5 (2) the Committee on Foreign Relations, the
6 Committee on Homeland Security and Governmental
7 Affairs, and the Committee on the Judiciary of the
8 Senate and the Committee on Foreign Affairs, the
9 Committee on Homeland Security, and the Com-
10 mittee on the Judiciary of the House of Representa-
11 tives.

1 **SEC. 1254. [LOG 67161] AUTHORITY TO INCREASE ENGAGE-**
2 **MENT AND MILITARY-TO-MILITARY CO-**
3 **OPERATION WITH WESTERN BALKANS COUN-**
4 **TRIES.**

5 (a) IN GENERAL.—The Secretary of Defense is au-
6 thorized to increase engagement and military-to-military
7 cooperation with Western Balkans countries under the au-
8 thorities of chapter 16 of title 10, United States Code.

9 (b) DEFINITION.—In this section, the term “Western
10 Balkans countries” means—

- 11 (1) Serbia
- 12 (2) Bosnia and Herzegovina;
- 13 (3) Kosovo; and
- 14 (4) Macedonia.

1 **SEC. 1255. [LOG 67400] TECHNICAL CORRECTIONS RELAT-**
2 **ING TO DEFENSE SECURITY COOPERATION**
3 **STATUTORY REORGANIZATION.**

4 (a) CHAPTER REFERENCES.—The following provi-
5 sions of law are amended by striking “chapter 15” and
6 inserting “chapter 13”:

7 (1) Section 886(a)(5) of the Homeland Security
8 Act of 2002 (6 U.S.C. 466(a)(5)).

9 (2) Section 332(a)(1) of the Consolidated Farm
10 and Rural Development Act (7 U.S.C. 1982(a)(1)).

11 (3) Section 101(a)(13)(B) of title 10, United
12 States Code.

13 (4) Section 115(i)(6) of title 10, United States
14 Code.

15 (5) Section 12304(c)(1) of title 10, United
16 States Code.

17 (6) Section 484C(e)(3)(C)(v) of the Higher
18 Education Act of 1965 (20 U.S.C.
19 1091c(e)(3)(C)(v)).

20 (b) SECTION REFERENCES.—(1) Title 10, United
21 States Code, is amended—

22 (A) in section 386(c)(1), by striking “Sections
23 311, 321, 331, 332, 333,” and inserting “Sections
24 246, 251, 252, 253, 321,”; and

1 (B) in section 10541(b)(9) in the matter pre-
2 ceding subparagraph (A), by striking “sections 331,
3 332, 333,” and inserting “sections 251, 252, 253,”.

4 (2) Section 484C(c)(3)(C)(i) of the Higher Edu-
5 cation Act of 1965 (20 U.S.C. 1091c(c)(3)(C)(i)) is
6 amended by striking “section 331, 332,” and inserting
7 “section 251, 252,”.

8 (c) OTHER TECHNICAL CORRECTIONS.—(1) Chapter
9 16 of title 10, United States Code, is amended—

10 (A) in section 311(a)(3), by striking “Secretary
11 to State” and inserting “Secretary of State”;

12 (B) in section 321(e), by striking “calender”
13 each place it appears and inserting “calendar”;

14 (C) in the table of sections at the beginning of
15 subchapter V of such chapter, by striking the item
16 relating to section 342 and inserting the following:

“342. Regional Centers for Security Studies.”;

17 (D) in section 347—

18 (i) in the heading of subsection (a)(7), by
19 striking “ETC.” and inserting “ETC”; and

20 (ii) in the heading of subsection (b)(3)(B),
21 by striking “ETC.” and inserting “ETC”; and

22 (E) in section 385(d)(1)(B), by striking “in-
23 clude” and inserting “including”.

24 (2) Section 1204(b) of the Carl Levin and Howard
25 P. “Buck” McKeon National Defense Authorization Act

1 for Fiscal Year 2015 (Public Law 113–291; 10 U.S.C.
2 362 note) is amended—

3 (A) in paragraph (1), by striking “section
4 2249e” each place it appears and inserting “section
5 362”; and

6 (B) in paragraph (3), by striking “section
7 2249e” and inserting “section 301(1)”.

1 **SEC. 1258. [LOG 67798] REVISION OF STATUTORY REF-**
2 **ERENCES TO FORMER NATO SUPPORT ORGA-**
3 **NIZATIONS AND RELATED NATO AGREE-**
4 **MENTS.**

5 Section 2350d of title 10, United States Code, is
6 amended—

7 (1) by striking “NATO Support Organization”
8 each place it appears and inserting “NATO Support
9 and Procurement Organization”;

10 (2) by striking “Support Partnership Agree-
11 ment” each place it appears and inserting “Support
12 or Procurement Partnership Agreement”;

13 (3) in subsection (a)(1), by striking “Support
14 Partnership Agreements” and inserting “Support or
15 Procurement Partnership Agreements”; and

16 (4) in subsection (b)(1), by striking “in Eu-
17 rope”.

1 **SEC. 1259. [LOG 68005] SENSE OF THE CONGRESS CON-**
2 **CERNING MILITARY-TO-MILITARY DIA-**
3 **LOGUES.**

4 It is the sense of Congress that—

5 (1) military-to-military dialogues, including in
6 the case of allies, partners, and adversaries and po-
7 tential adversaries, can be a useful and important
8 tool for advancing United States national security
9 objectives in a complex, interactive, and dynamic se-
10 curity environment;

11 (2) frameworks for military-to-military dia-
12 logues should be flexible and adaptable to such a se-
13 curity environment and should be informed by na-
14 tional security guidance, such as the 2017 National
15 Security Strategy and the 2018 National Defense
16 Strategy; and

17 (3) military-to-military dialogues can and
18 should be reliable, enduring, and tailorable based on
19 circumstance, so that such dialogues can be trusted
20 and available when needed, particularly amid esca-
21 lating tensions.



1 **Subtitle A—Military Programs**

2 **SEC. 1401. [LOG 67308] WORKING CAPITAL FUNDS.**

3 Funds are hereby authorized to be appropriated for
4 fiscal year 2019 for the use of the Armed Forces and other
5 activities and agencies of the Department of Defense for
6 providing capital for working capital and revolving funds,
7 as specified in the funding table in section 4501.

1 **SEC. 1402. [LOG 67309] CHEMICAL AGENTS AND MUNITIONS**

2 **DESTRUCTION, DEFENSE.**

3 (a) AUTHORIZATION OF APPROPRIATIONS.—Funds
4 are hereby authorized to be appropriated for the Depart-
5 ment of Defense for fiscal year 2019 for expenses, not oth-
6 erwise provided for, for Chemical Agents and Munitions
7 Destruction, Defense, as specified in the funding table in
8 section 4501.

9 (b) USE.—Amounts authorized to be appropriated
10 under subsection (a) are authorized for—

11 (1) the destruction of lethal chemical agents
12 and munitions in accordance with section 1412 of
13 the Department of Defense Authorization Act, 1986
14 (50 U.S.C. 1521); and

15 (2) the destruction of chemical warfare materiel
16 of the United States that is not covered by section
17 1412 of such Act.

1 **SEC. 1403. [LOG 67310] DRUG INTERDICTION AND**
2 **COUNTER-DRUG ACTIVITIES, DEFENSE-WIDE.**

3 Funds are hereby authorized to be appropriated for
4 the Department of Defense for fiscal year 2019 for ex-
5 penses, not otherwise provided for, for Drug Interdiction
6 and Counter-Drug Activities, Defense-wide, as specified in
7 the funding table in section 4501.

1 **SEC. 1404. [LOG 67311] DEFENSE INSPECTOR GENERAL.**

2 Funds are hereby authorized to be appropriated for
3 the Department of Defense for fiscal year 2019 for ex-
4 penses, not otherwise provided for, for the Office of the
5 Inspector General of the Department of Defense, as speci-
6 fied in the funding table in section 4501.

1 **SEC. 1405. [LOG 67312] DEFENSE HEALTH PROGRAM.**

2 Funds are hereby authorized to be appropriated for
3 fiscal year 2019 for the Defense Health Program for use
4 of the Armed Forces and other activities and agencies of
5 the Department of Defense for providing for the health
6 of eligible beneficiaries, as specified in the funding table
7 in section 4501.

1 **Subtitle B—Other Matters**

2 **SEC. 1411. [LOG 67742] AUTHORITY FOR TRANSFER OF**
3 **FUNDS TO JOINT DEPARTMENT OF DEFENSE-**
4 **DEPARTMENT OF VETERANS AFFAIRS MED-**
5 **ICAL FACILITY DEMONSTRATION FUND FOR**
6 **CAPTAIN JAMES A. LOVELL HEALTH CARE**
7 **CENTER, ILLINOIS.**

8 (a) **AUTHORITY FOR TRANSFER OF FUNDS.**—Of the
9 funds authorized to be appropriated by section 1405 and
10 available for the Defense Health Program for operation
11 and maintenance, \$113,000,000 may be transferred by the
12 Secretary of Defense to the Joint Department of Defense—
13 Department of Veterans Affairs Medical Facility Dem-
14 onstration Fund established by subsection (a)(1) of sec-
15 tion 1704 of the National Defense Authorization Act for
16 Fiscal Year 2010 (Public Law 111–84; 123 Stat. 2571).
17 For purposes of subsection (a)(2) of such section 1704,
18 any funds so transferred shall be treated as amounts au-
19 thorized and appropriated specifically for the purpose of
20 such a transfer.

21 (b) **USE OF TRANSFERRED FUNDS.**—For the pur-
22 poses of subsection (b) of such section 1704, facility oper-
23 ations for which funds transferred under subsection (a)
24 may be used are operations of the Captain James A.
25 Lovell Federal Health Care Center, consisting of the

1 North Chicago Veterans Affairs Medical Center, the Navy
2 Ambulatory Care Center, and supporting facilities des-
3 igned as a combined Federal medical facility under an
4 operational agreement covered by section 706 of the Dun-
5 can Hunter National Defense Authorization Act for Fiscal
6 Year 2009 (Public Law 110–417; 122 Stat. 4500).

1 **Subtitle A—Authorization of**
2 **Appropriations**

3 **SEC. 1501. [LOG 67313] PURPOSE OF CERTAIN AUTHORIZA-**
4 **TIONS OF APPROPRIATIONS.**

5 The purpose of this subtitle is to authorize appropria-
6 tions for the Department of Defense for fiscal year 2019
7 to provide additional funds for overseas contingency oper-
8 ations being carried out by the Armed Forces.

1 **SEC. 1502. [LOG 67314] PROCUREMENT.**

2 Funds are hereby authorized to be appropriated for
3 fiscal year 2019 for procurement accounts for the Army,
4 the Navy and the Marine Corps, the Air Force, and De-
5 fense-wide activities, as specified in the funding table in
6 section 4102.

1 **SEC. 1503. [LOG 67315] RESEARCH, DEVELOPMENT, TEST,**
2 **AND EVALUATION.**

3 Funds are hereby authorized to be appropriated for
4 fiscal year 2019 for the use of the Department of Defense
5 for research, development, test, and evaluation, as speci-
6 fied in the funding table in section 4202.

1 **SEC. 1504. [LOG 67316] OPERATION AND MAINTENANCE.**

2 Funds are hereby authorized to be appropriated for
3 fiscal year 2019 for the use of the Armed Forces and other
4 activities and agencies of the Department of Defense for
5 expenses, not otherwise provided for, for operation and
6 maintenance, as specified in the funding table in section
7 4302.

1 **SEC. 1505. [LOG 67317] MILITARY PERSONNEL.**

2 Funds are hereby authorized to be appropriated for
3 fiscal year 2019 for the use of the Armed Forces and other
4 activities and agencies of the Department of Defense for
5 expenses, not otherwise provided for, for military per-
6 sonnel, as specified in the funding table in section 4402.

1 **SEC. 1506. [LOG 67318] WORKING CAPITAL FUNDS.**

2 Funds are hereby authorized to be appropriated for
3 fiscal year 2019 for the use of the Armed Forces and other
4 activities and agencies of the Department of Defense for
5 providing capital for working capital and revolving funds,
6 as specified in the funding table in section 4502.

1 **SEC. 1507. [LOG 67319] DRUG INTERDICTION AND**
2 **COUNTER-DRUG ACTIVITIES, DEFENSE-WIDE.**

3 Funds are hereby authorized to be appropriated for
4 the Department of Defense for fiscal year 2019 for ex-
5 penses, not otherwise provided for, for Drug Interdiction
6 and Counter-Drug Activities, Defense-wide, as specified in
7 the funding table in section 4502.

1 **SEC. 1508. [LOG 67320] DEFENSE INSPECTOR GENERAL.**

2 Funds are hereby authorized to be appropriated for
3 the Department of Defense for fiscal year 2019 for ex-
4 penses, not otherwise provided for, for the Office of the
5 Inspector General of the Department of Defense, as speci-
6 fied in the funding table in section 4502.

1 **SEC. 1509. [LOG 67321] DEFENSE HEALTH PROGRAM.**

2 Funds are hereby authorized to be appropriated for
3 the Department of Defense for fiscal year 2019 for ex-
4 penses, not otherwise provided for, for the Defense Health
5 Program, as specified in the funding table in section 4502.

1 **Subtitle B—Financial Matters**

2 **SEC. 1511. [LOG 67322] TREATMENT AS ADDITIONAL AU-**
3 **THORIZATIONS.**

4 The amounts authorized to be appropriated by this
5 title are in addition to amounts otherwise authorized to
6 be appropriated by this Act.

1 **SEC. 1512. [LOG 67323] SPECIAL TRANSFER AUTHORITY.**

2 (a) **AUTHORITY TO TRANSFER AUTHORIZATIONS.—**

3 (1) **AUTHORITY.**—Upon determination by the
4 Secretary of Defense that such action is necessary in
5 the national interest, the Secretary may transfer
6 amounts of authorizations made available to the De-
7 partment of Defense in this title for fiscal year 2019
8 between any such authorizations for that fiscal year
9 (or any subdivisions thereof). Amounts of authoriza-
10 tions so transferred shall be merged with and be
11 available for the same purposes as the authorization
12 to which transferred.

13 (2) **LIMITATION.**—The total amount of author-
14 izations that the Secretary may transfer under the
15 authority of this subsection may not exceed
16 \$4,500,000,000.

17 (b) **TERMS AND CONDITIONS.**—Transfers under this
18 section shall be subject to the same terms and conditions
19 as transfers under section 1001.

20 (c) **ADDITIONAL AUTHORITY.**—The transfer author-
21 ity provided by this section is in addition to the transfer
22 authority provided under section 1001.

1 **Subtitle C—Limitations, Reports,**
2 **and Other Matters**

3 **SEC. 1521. [LOG 67143] AFGHANISTAN SECURITY FORCES**
4 **FUND.**

5 (a) CONTINUATION OF PRIOR AUTHORITIES AND NO-
6 TICE AND REPORTING REQUIREMENTS.—Funds available
7 to the Department of Defense for the Afghanistan Secu-
8 rity Forces Fund for fiscal year 2019 shall be subject to
9 the conditions contained in subsections (b) through (g) of
10 section 1513 of the National Defense Authorization Act
11 for Fiscal Year 2008 (Public Law 110–181; 122 Stat.
12 428), as amended by section 1531(b) of the Ike Skelton
13 National Defense Authorization Act for Fiscal Year 2011
14 (Public Law 111–383; 124 Stat. 4424).

15 (b) EQUIPMENT DISPOSITION.—

16 (1) ACCEPTANCE OF CERTAIN EQUIPMENT.—

17 Subject to paragraph (2), the Secretary of Defense
18 may accept equipment that is procured using
19 amounts in the Afghanistan Security Forces Fund
20 authorized under this Act and is intended for trans-
21 fer to the security forces of Afghanistan, but is not
22 accepted by such security forces.

23 (2) CONDITIONS ON ACCEPTANCE OF EQUIP-
24 MENT.—Before accepting any equipment under the
25 authority provided by paragraph (1), the Com-

1 mander of United States forces in Afghanistan shall
2 make a determination that the equipment was pro-
3 cured for the purpose of meeting requirements of the
4 security forces of Afghanistan, as agreed to by both
5 the Government of Afghanistan and the United
6 States, but is no longer required by such security
7 forces or was damaged before transfer to such secu-
8 rity forces.

9 (3) ELEMENTS OF DETERMINATION.—In mak-
10 ing a determination under paragraph (2) regarding
11 equipment, the Commander of United States forces
12 in Afghanistan shall consider alternatives to Sec-
13 retary of Defense acceptance of the equipment. An
14 explanation of each determination, including the
15 basis for the determination and the alternatives con-
16 sidered, shall be included in the relevant quarterly
17 report required under paragraph (5).

18 (4) TREATMENT AS DEPARTMENT OF DEFENSE
19 STOCKS.—Equipment accepted under the authority
20 provided by paragraph (1) may be treated as stocks
21 of the Department of Defense upon notification to
22 the congressional defense committees of such treat-
23 ment.

24 (5) QUARTERLY REPORTS ON EQUIPMENT DIS-
25 POSITION.—

1 (A) IN GENERAL.—Not later than 90 days
2 after the date of the enactment of this Act and
3 every 90-day period thereafter during which the
4 authority provided by paragraph (1) is exer-
5 cised, the Secretary of Defense shall submit to
6 the congressional defense committees a report
7 describing the equipment accepted during the
8 period covered by such report under the fol-
9 lowing:

10 (i) This subsection.

11 (ii) Section 1521(b) of the National
12 Defense Authorization Act for Fiscal Year
13 2018 (Public Law 115–91; 131 Stat.
14 1711)

15 (iii) Section 1521(b) of the National
16 Defense Authorization Act for Fiscal Year
17 2017 (Public Law 114–328; 130 Stat.
18 2575).

19 (iv) Section 1531(b) of the National
20 Defense Authorization Act for Fiscal Year
21 2016 (Public Law 114–92; 129 Stat.
22 1088).

23 (v) Section 1532(b) of the Carl Levin
24 and Howard P. “Buck” McKeon National
25 Defense Authorization Act for Fiscal Year

1 2015 (Public Law 113–291; 128 Stat.
2 3613).

3 (vi) Section 1531(d) of the National
4 Defense Authorization Act for Fiscal Year
5 2014 (Public Law 113–66; 127 Stat. 938;
6 10 U.S.C. 2302 note).

7 (B) ELEMENTS.—Each report under sub-
8 paragraph (A) shall include a list of all equip-
9 ment that was accepted during the period cov-
10 ered by the report and treated as stocks of the
11 Department of Defense and copies of the deter-
12 minations made under paragraph (2), as re-
13 quired by paragraph (3).

14 (c) SECURITY OF AFGHAN WOMEN.—

15 (1) IN GENERAL.—Of the funds available to the
16 Department of Defense for the Afghanistan Security
17 Forces Fund for fiscal year 2019, it is the goal that
18 \$18,000,000, but in no event less than \$10,000,000,
19 shall be used for—

20 (A) the recruitment, integration, retention,
21 training, and treatment of women in the Af-
22 ghan National Defense and Security Forces;
23 and

1 (B) the recruitment, training, and con-
2 tracting of female security personnel for future
3 elections.

4 (2) TYPES OF PROGRAMS AND ACTIVITIES.—

5 Such programs and activities may include—

6 (A) efforts to recruit women into the Af-
7 ghan National Defense and Security Forces, in-
8 cluding the special operations forces;

9 (B) programs and activities of the Afghan
10 Ministry of Defense Directorate of Human
11 Rights and Gender Integration and the Afghan
12 Ministry of Interior Office of Human Rights,
13 Gender and Child Rights;

14 (C) development and dissemination of gen-
15 der and human rights educational and training
16 materials and programs within the Afghan Min-
17 istry of Defense and the Afghan Ministry of In-
18 terior;

19 (D) efforts to address harassment and vio-
20 lence against women within the Afghan Na-
21 tional Defense and Security Forces;

22 (E) improvements to infrastructure that
23 address the requirements of women serving in
24 the Afghan National Defense and Security
25 Forces, including appropriate equipment for fe-

1 male security and police forces, and transpor-
2 tation for policewomen to their station;

3 (F) support for Afghanistan National Po-
4 lice Family Response Units; and

5 (G) security provisions for high-profile fe-
6 male police and army officers.

7 (d) ASSESSMENT OF AFGHANISTAN PROGRESS ON
8 SECURITY COOPERATION OBJECTIVES.—

9 (1) ASSESSMENT REQUIRED.—Not later than
10 June 1, 2019, the Secretary of Defense shall, in con-
11 sultation with the Secretary of State, submit to the
12 Committee on Armed Services and the Committee on
13 Foreign Affairs of the House of Representatives and
14 the Committee on Armed Services and the Com-
15 mittee on Foreign Relations of the Senate an assess-
16 ment describing the efforts of the Government of the
17 Islamic Republic of Afghanistan to manage, employ,
18 and sustain the equipment and inventory provided
19 through the authority under subsection (a). In con-
20 ducting such assessment, the Secretary of Defense
21 shall consider each of the following:

22 (A) The ability of the Afghanistan Min-
23 istry of Defense and the Ministry of Interior to
24 manage and account for previously-divested
25 equipment, including a description of any

1 vulnerabilities or weaknesses of each such Min-
2 istry's internal controls and any plan in place to
3 address shortfalls.

4 (B) A description of the monitoring and
5 evaluation systems in place to ensure assistance
6 provided through such authority is used only
7 for the intended purposes.

8 (C) Any irregularities in the divestment of
9 equipment to the Afghan National Defense and
10 Security Forces during the period beginning on
11 the date of the creation of the Afghanistan Se-
12 curity Forces Fund, including any major losses
13 of such equipment or any inability on the part
14 of the Afghan National Defense and Security
15 Forces to account for equipment so procured.

16 (D) A description of the sustainment and
17 maintenance costs required for major weapons
18 platforms previously divested, over the 5-year
19 period beginning on the date of the enactment
20 of this Act and a plan for how the Afghan Na-
21 tional Defense and Security Forces intends to
22 maintain such platforms in the future.

23 (E) An assessment of the distribution
24 practices of the Afghan National Defense and
25 Security Forces, including the manner in which

1 equipment received through the Afghanistan
2 Security Forces Fund is employed.

3 (F) The degree to which the Government
4 of Afghanistan is effectively implementing an
5 anti-corruption strategy.

6 (G) The extent to which the Government
7 of Afghanistan is adhering to conditions for re-
8 ceiving assistance established in annual finan-
9 cial commitment letters or any other bilateral
10 agreements with the United States.

11 (2) WITHHOLDING OF ASSISTANCE FOR INSUF-
12 FICIENT PROGRESS.—

13 (A) IN GENERAL.—If the Secretary of De-
14 fense determines, in consultation with the Sec-
15 retary of State and taking into consideration
16 the assessment under paragraph (1), that the
17 Government of Afghanistan has made insuffi-
18 cient progress toward maintaining and employ-
19 ing equipment provided by the United States,
20 the Secretary of Defense may withhold assist-
21 ance for the Afghan National Defense and Se-
22 curity Forces under this section until such time
23 as the Secretary determines sufficient progress
24 has been made.

1 (B) NOTICE TO CONGRESS.—The Sec-
2 retary of Defense shall, in coordination with the
3 Secretary of State, provide notice to Congress—

4 (i) not later than 30 days after mak-
5 ing a decision to withhold assistance pur-
6 suant to subparagraph (A); and

7 (ii) not later than 30 days before re-
8 suming any such assistance pursuant to
9 such subparagraph.

1 **SEC. 1522. [LOG 67762] JOINT IMPROVISED-THREAT DE-**
2 **FEAT FUND.**

3 (a) USE AND TRANSFER OF FUNDS.—Subsections
4 (b) and (c) of section 1514 of the John Warner National
5 Defense Authorization Act for Fiscal Year 2007 (Public
6 Law 109–364; 120 Stat. 2439), as in effect before the
7 amendments made by section 1503 of the Duncan Hunter
8 National Defense Authorization Act for Fiscal Year 2009
9 (Public Law 110–417; 122 Stat. 4649), shall apply to the
10 funds made available for fiscal year 2019 to the Depart-
11 ment of Defense for the Joint Improvised-Threat Defeat
12 Fund.

13 (b) INTERDICTION OF IMPROVISED EXPLOSIVE DE-
14 VICE PRECURSOR CHEMICALS.—

15 (1) AVAILABILITY OF FUNDS.—Of the funds
16 made available to the Department of Defense for the
17 Joint Improvised-Threat Defeat Fund for fiscal year
18 2019, \$15,000,000 may be available to the Secretary
19 of Defense, with the concurrence of the Secretary of
20 State, to provide training, equipment, supplies, and
21 services to ministries and other entities of foreign
22 governments that the Secretary has identified as
23 critical for countering the flow of improvised explo-
24 sive device precursor chemicals.

25 (2) PROVISION THROUGH OTHER US AGEN-
26 CIES.—If jointly agreed upon by the Secretary of

1 Defense and the head of another department or
2 agency of the United States Government, the Sec-
3 retary of Defense may transfer funds available
4 under paragraph (1) to such department or agency
5 for the provision by such department or agency of
6 training, equipment, supplies, and services to min-
7 istries and other entities of foreign governments as
8 described in that paragraph.

9 (3) NOTICE TO CONGRESS.—None of the funds
10 made available pursuant to paragraph (1) may be
11 obligated or expended to supply training, equipment,
12 supplies, or services to a foreign country before the
13 date that is 15 days after the date on which the Sec-
14 retary of Defense, in coordination with the Secretary
15 of State, submits to the Committee on Armed Serv-
16 ices and the Committee on Foreign Relations of the
17 Senate and the Committee on Armed Services and
18 the Committee on Foreign Affairs of the House of
19 Representatives a notice that contains—

20 (A) the foreign country for which training,
21 equipment, supplies, or services are proposed to
22 be supplied;

23 (B) a description of the training, equip-
24 ment, supplies, and services to be provided
25 using such funds;

1 (C) a detailed description of the amount of
2 funds proposed to be obligated or expended to
3 supply such training, equipment, supplies or
4 services, including any funds proposed to be ob-
5 ligated or expended to support the participation
6 of another department or agency of the United
7 States and a description of the training, equip-
8 ment, supplies, or services proposed to be sup-
9 plied;

10 (D) an evaluation of the effectiveness of
11 the efforts of the foreign country identified
12 under subparagraph (A) to counter the flow of
13 improvised explosive device precursor chemicals;
14 and

15 (E) an overall plan for countering the flow
16 of precursor chemicals in the foreign country
17 identified under subparagraph (A).

18 (4) EXPIRATION.—The authority provided by
19 this subsection expires on December 31, 2019.

20 (c) TRANSITION PLAN REQUIRED.—Not later than
21 March 1, 2019, the Secretary of Defense shall submit to
22 the Committees on Armed Services of the House of Rep-
23 resentatives and the Senate a plan to transition funding
24 for the Joint Improvised-Threat Defeat Fund from
25 amounts made available for overseas contingency oper-

1 ations to amounts otherwise made available for the pur-
2 poses of such Fund.



1 **SEC. 1603.[Log 67147] PROVISION OF SPACE SITUATIONAL**
2 **AWARENESS SERVICES AND INFORMATION.**

3 (a) **ROLE OF DEPARTMENT OF DEFENSE.**—Section
4 2274(a) of title 10, United States Code, is amended—

5 (1) by striking “The Secretary of Defense may”
6 and inserting “(1) Except as provided by paragraph
7 (2), the Secretary of Defense may”; and

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

10 “(2) Beginning January 1, 2024, the Secretary may
11 provide space situational awareness services and informa-
12 tion to, and may obtain space situational awareness data
13 and information from, non-United States Government en-
14 tities under paragraph (1) only to the extent that the Sec-
15 retary determines such actions are necessary to meet the
16 national security interests of the United States.”.

17 (b) **INDEPENDENT ASSESSMENT.**—

18 (1) **FFRDC.**—Not later than 30 days after the
19 date of the enactment of this Act, the Secretary of
20 Defense shall seek to enter into a contract with a
21 federally funded research and development center for
22 which the Department of Defense is a sponsor to as-
23 sess which single or combination of departments or
24 agencies of the Federal Government, if any, should
25 assume the authorities of the Secretary of Defense
26 under paragraph (1) of section 2274(a) of title 10,

1 United States Code, that the Secretary will no
2 longer carry out beginning on January 1, 2024, pur-
3 suant to paragraph (2) of such section, as added by
4 subsection (a) of this section.

5 (2) CONSIDERATIONS.—The assessment under
6 paragraph (1) shall consider the following:

7 (A) The existing staff, budgetary re-
8 sources, and institutional expertise of the de-
9 partments and agencies of the Federal Govern-
10 ment evaluated by the assessment.

11 (B) The demonstrated ability of such de-
12 partments and agencies to work collaboratively
13 with industry in developing best practices or
14 consensus standards.

15 (C) The capacity of such departments and
16 agencies to facilitate communication between
17 space object operators to avoid a collision.

18 (D) The ability of such departments and
19 agencies to use other transaction agreements or
20 similar transaction mechanisms.

21 (E) Existing non-profit organizations
22 through which such departments and agencies
23 may oversee the private provision of space situ-
24 ational awareness services and information.

25 (3) SUBMISSION.—

1 (A) DOD.—Not later than 180 days after
2 the date on which the Secretary and a federally
3 funded research and development center enter
4 into the contract under paragraph (1), the cen-
5 ter shall submit to the Secretary a report on
6 the assessment conducted under such para-
7 graph.

8 (B) CONGRESS.—Not later than 10 days
9 after the date on which the Secretary receives
10 the report under subparagraph (A), the Sec-
11 retary shall submit to the appropriate congres-
12 sional committees such report, without change.

13 (c) PLAN.—

14 (1) DEVELOPMENT.—The Secretary of Defense,
15 in coordination with the heads of other departments
16 or agencies of the Federal Government determined
17 appropriate by the Secretary, shall develop a plan to
18 ensure that one or more departments or agencies of
19 the Federal Government other than the Department
20 of Defense may provide space situational awareness
21 services and information to non-United States Gov-
22 ernment entities.

23 (2) CONSIDERATION.—In developing the plan
24 under paragraph (1), the Secretary shall take into

1 consideration the assessment conducted under sub-
2 section (b)(1).

3 (3) SUBMISSION.—Not later than 180 days
4 after the date on which the Secretary submits the
5 report under subsection (b)(3), the Secretary shall
6 submit to the appropriate congressional committees
7 the plan developed under paragraph (1).

8 (d) APPROPRIATE CONGRESSIONAL COMMITTEES
9 DEFINED.—In this section, the term “appropriate con-
10 gressional committees” means the following:

11 (1) The congressional defense committees.

12 (2) The Committee on Science, Space, and
13 Technology, the Committee on Transportation and
14 Infrastructure, the Committee on Energy and Com-
15 merce, the Committee on Foreign Affairs, and the
16 Permanent Select Committee on Intelligence of the
17 House of Representatives.

18 (3) The Committee on Commerce, Science, and
19 Transportation, the Committee on Foreign Rela-
20 tions, and the Select Committee on Intelligence of
21 the Senate.

1 **SEC. 1607.[Log 67710] LIMITATION ON AVAILABILITY OF**
2 **FUNDS FOR JOINT SPACE OPERATIONS CEN-**
3 **TER MISSION SYSTEM.**

4 Of the funds authorized to be appropriated by this
5 Act or otherwise made available for fiscal year 2019 for
6 the Joint Space Operations Center mission system, not
7 more than 75 percent may be obligated or expended until
8 the date on which the Deputy Secretary of Defense, with-
9 out delegation, certifies to the congressional defense com-
10 mittees that the Secretary of the Air Force has entered
11 into a contract for services to operationalize existing best-
12 in-breed commercial space situational awareness capabili-
13 ties to address warfighter requirements and fill gaps in
14 current space situational capabilities.

1 **SEC. 1609.[Log 67209] REPORT ON PROTECTED SATELLITE**
2 **COMMUNICATIONS.**

3 Not later than December 31, 2018, the Secretary of
4 Defense shall submit to the congressional defense commit-
5 tees a report on how each of the following programs will
6 meet the requirements for resilience, mission assurance,
7 and the nuclear command, control, and communication
8 missions of the Department of Defense:

- 9 (1) The evolved strategic satellite program.
10 (2) The protected tactical service program.
11 (3) The protected tactical enterprise service
12 program.

1 **Subtitle B—Defense Intelligence**
2 **and Intelligence-Related Activities**

3 **SEC. 1621.[Log 67454] ROLE OF UNDER SECRETARY OF DE-**
4 **FENSE FOR INTELLIGENCE.**

5 Subsection (b) of section 137 of title 10, United
6 States Code, is amended to read as follows:

7 “(b) Subject to the authority, direction, and control
8 of the Secretary of Defense, the Under Secretary of De-
9 fense for Intelligence shall—

10 “(1) have responsibility for the overall direction
11 and supervision for policy, program planning and
12 execution, and use of resources, for the activities of
13 the Department of Defense that are part of the Mili-
14 tary Intelligence Program;

15 “(2) execute the functions for the National In-
16 telligence Program of the Department of Defense
17 under section 105 of the National Security Act of
18 1947 (50 U.S.C. 3038), as delegated by the Sec-
19 retary of Defense;

20 “(3) serve as the Director of Defense Intel-
21 ligence and, in consultation with the Director of Na-
22 tional Intelligence, have responsibility for the policy,
23 program planning and execution, and use of re-
24 sources for the elements of the Department of De-

1 fense funded under the National Intelligence Pro-
2 gram;

3 “(4) have responsibility for the overall direction
4 and supervision for policy, program planning and
5 execution, and use of resources, for the information
6 security, personnel security, physical security, and
7 industrial security related activities of the Depart-
8 ment of Defense; and

9 “(5) perform such duties and exercise such
10 powers as the Secretary of Defense may prescribe in
11 the area of intelligence.”.

1 **SEC. 1622.[Log 67443] SECURITY CLEARANCE FOR DUAL NA-**
2 **TIONALS.**

3 (a) IN GENERAL.—Chapter 80 of title 10, United
4 States Code, is amended by inserting after section 1564a
5 the following new section:

6 **“§ 1564b. Security clearance for dual nationals**

7 “(a) ADDITIONAL REVIEW.—(1) In the case of an in-
8 dividual described in paragraph (3), the Secretary of De-
9 fense shall develop a process to review foreign preference
10 in accordance with the adjudicative guidelines under part
11 147 of title 32, Code of Federal Regulations, or such suc-
12 cessor regulation, before approving a security clearance for
13 such individual.

14 “(2) The Secretary shall designate an official of the
15 Department of Defense to be responsible for adjudicating
16 any derogatory information of an individual described in
17 paragraph (3) concerning foreign preference that is dis-
18 covered after the security clearance of the individual is ap-
19 proved.

20 “(3) An individual described in this paragraph is an
21 individual who is—

22 “(A) a national of the United States (as such
23 term is defined in section 101 of the Immigration
24 and Nationality Act (8 U.S.C. 1101)) and also a na-
25 tional of a foreign state; and

26 “(B) either—

1 “(i) a civilian employee or contractor who
2 requires access to classified information; or

3 “(ii) a member of the armed forces who re-
4 quires access to classified information.

5 “(b) WAIVER.—(1) In the case of an individual who
6 is a national of the United States and also a national of
7 a foreign state identified under paragraph (2), the Sec-
8 retary may waive the requirement under subsection (a).

9 “(2) The Director of National Intelligence shall iden-
10 tify foreign states that authorize citizens or nationals of
11 the United States to serve in positions of trust equivalent
12 to positions in the United States Government that require
13 access to classified information.”.

14 (b) CLERICAL AMENDMENT.—The table of sections
15 at the beginning of such chapter is amended by inserting
16 after the item relating to section 1564a the following new
17 item:

 “1564b. Security clearance for dual nationals.”.

18 (c) BRIEFING.—

19 (1) IN GENERAL.—Not later than 180 days
20 after the date of the enactment of this Act, the Sec-
21 retary of Defense shall provide to the Committees on
22 Armed Services of the House of Representatives and
23 the Senate, and to any other appropriate congress-
24 sional committee upon request, a briefing on—

1 (A) the process developed under paragraph
2 (1) of section 1564b(a) of title 10, United
3 States Code, as added by subsection (a); and

4 (B) the official designated under para-
5 graph (2) of such section 1564b(a).

6 (2) APPROPRIATE CONGRESSIONAL COMMIT-
7 TEES DEFINED.—In this subsection, the term “ap-
8 propriate congressional committees” means the fol-
9 lowing:

10 (A) The Committees on Armed Services of
11 the House of Representatives and the Senate.

12 (B) The Permanent Select Committee on
13 Intelligence of the House of Representatives
14 and the Select Committee on Intelligence of the
15 Senate.

1 **SEC. 1623.[Log 67442] DEPARTMENT OF DEFENSE COUN-**
2 **TERINTELLIGENCE POLYGRAPH PROGRAM.**

3 (a) ADDITION OF DUAL-NATIONALS.—Subsection (b)
4 of section 1564a of title 10, United States Code, is amend-
5 ed to read as follows:

6 “(b) PERSONS COVERED.—Except as provided in
7 subsection (d), the following persons are subject to this
8 section:

9 “(1) With respect to persons whose duties are
10 described in subsection (c)—

11 “(A) military and civilian personnel of the
12 Department of Defense;

13 “(B) personnel of defense contractors;

14 “(C) persons assigned or detailed to the
15 Department of Defense; and

16 “(D) applicants for a position in the De-
17 partment of Defense.

18 “(2) A person who is—

19 “(A) a national of the United States (as
20 such term is defined in section 101 of the Im-
21 migration and Nationality Act (8 U.S.C. 1101))
22 and also a national of a foreign state; and

23 “(B) either—

24 “(i) a civilian employee or contractor
25 who requires access to classified informa-
26 tion; or

1 “(ii) a member of the armed forces
2 who requires access to classified informa-
3 tion.”.

4 (b) STANDARDS FOR DUAL-NATIONALS.—Subsection
5 (e)(2) of such section is amended by adding at the end
6 the following new subparagraph:

7 “(D) With respect to persons described in sub-
8 section (b)(2), to assist in assessing foreign pref-
9 erence or foreign influence risks, as described in
10 part 147 of title 32, Code of Federal Regulation, or
11 such successor regulations.”.

12 (c) CONFORMING AMENDMENTS.—Such section is
13 further amended—

14 (1) in subsection (c), by striking “in subsection
15 (b)” and inserting “in subsection (b)(1)”; and

16 (2) in subsection (e)(2)(A), by striking “in sub-
17 sections (b)” and inserting “in subsections (b)(1)”.

1 **SEC. 1624.[Log 67776] DEFENSE INTELLIGENCE BUSINESS**
2 **MANAGEMENT SYSTEMS.**

3 (a) STANDARDIZED BUSINESS PROCESS RULES.—

4 (1) DEVELOPMENT.—Not later than October 1,
5 2020, the Chief Management Officer of the Depart-
6 ment of Defense, in coordination with the Under
7 Secretary of Defense (Comptroller) and the Under
8 Secretary of Defense for Intelligence, shall develop
9 and implement standardized business process rules
10 for the planning, programming, budgeting, and exe-
11 cution process for the Military Intelligence Program.

12 (2) TREATMENT OF DATA.—The Chief Manage-
13 ment Officer shall develop the standardized business
14 process rules under paragraph (1) in accordance
15 with section 911 of the National Defense Authoriza-
16 tion Act for Fiscal Year 2018 (Public Law 115–91;
17 131 Stat. 1519; 10 U.S.C. 2222 note) and section
18 2222(e)(6) of title 10, United States Code.

19 (3) USE OF EXISTING SYSTEMS.—In developing
20 the standardized business process rules under para-
21 graph (1), to the extent practicable, the Chief Man-
22 agement Officer shall use enterprise business sys-
23 tems of the Department of Defense in existence as
24 of the date of the enactment of this Act.

25 (4) REPORT.—Not later than March 1, 2019,
26 the Chief Management Officer of the Department of

1 Defense, the Under Secretary of Defense (Comp-
2 troller), and the Under Secretary of Defense for In-
3 telligence shall jointly submit to the appropriate con-
4 gressional committees a report containing a plan to
5 develop the standardized business process rules
6 under paragraph (1).

7 (5) APPROPRIATE CONGRESSIONAL COMMIT-
8 TEES.—In this subsection, the term “appropriate
9 congressional committees” means the following:

10 (A) The congressional defense committees.

11 (B) The Permanent Select Committee on
12 Intelligence of the House of Representatives
13 and the Select Committee on Intelligence of the
14 Senate.

15 (b) PROGRAM ELEMENTS.—

16 (1) IN GENERAL.—Chapter 9 of title 10, United
17 States Code, is amended by adding at the end the
18 following new section:

19 **“§ 239b. Certain intelligence related programs: budg-
20 et justification materials**

21 “(a) PROHIBITION ON USE OF PROGRAM ELE-
22 MENTS.—In the budget justification materials submitted
23 to Congress in support of the Department of Defense
24 budget for fiscal year 2021 and each fiscal year thereafter
25 (as submitted with the budget of the President under sec-

1 tion 1105(a) of title 31), the Secretary of Defense may
2 not include in any single program element both funds
3 made available under the Military Intelligence Program
4 and funds made available outside of the Military Intel-
5 ligence Program.

6 “(b) DEFINITIONS.—In this section:

7 “(1) The term ‘budget’ has the meaning given
8 that term in section 231(f) of this title.

9 “(2) The term ‘defense budget materials’ has
10 the meaning given that term in section 231(f) of this
11 title.”.

12 (2) CLERICAL AMENDMENT.—The table of sec-
13 tions at the beginning of such chapter is amended
14 by inserting after the item relating to section 239a
15 the following new item:

“239b. Certain intelligence related programs: budget justification materials”.

1 **SEC. 1625.[Log 67244] MODIFICATION TO ANNUAL BRIEFING**
2 **ON THE INTELLIGENCE, SURVEILLANCE, AND**
3 **RECONNAISSANCE REQUIREMENTS OF THE**
4 **COMBATANT COMMANDS.**

5 (a) IN GENERAL.—Section 1626 of the Carl Levin
6 and Howard P. “Buck” McKeon National Defense Au-
7 thorization Act for Fiscal Year 2015 (Public Law 113–
8 291; 128 Stat. 3635), as amended by section 1624 of the
9 National Defense Authorization Act for Fiscal Year 2018
10 (Public Law 115–91; 131 Stat. 1732), is further amend-
11 ed—

12 (1) in the matter preceding paragraph (1), by
13 striking “2020” and inserting “2025”; and

14 (2) in paragraph (1)—

15 (A) in subparagraph (B), by striking “;
16 and” and inserting a semicolon; and

17 (B) by adding at the end the following new
18 subparagraph:

19 “(D) for the year preceding the year in which
20 the briefing is provided—

21 “(i) the number of hours or amount of ca-
22 pacity of intelligence, surveillance, and recon-
23 naissance requested by each commander of a
24 combatant command, by specific intelligence ca-
25 pability type;

1 “(ii) the number of such requests identified
2 under clause (i) that the Joint Chiefs of Staff
3 determined to be a validated requirement, in-
4 cluding the number of hours or amount of ca-
5 pacity of such requests that were provided to
6 each such commander; and

7 “(iii) with respect to such validated re-
8 quirements, the number of hours or amount of
9 capacity of intelligence, surveillance, and recon-
10 naissance, by specific intelligence capability
11 type, that the Joint Chiefs of Staff requested
12 each military department to provide, and the
13 number of such hours or the amount of such
14 capacity so provided by each such military de-
15 partment; and”.

16 (b) CODIFICATION.—Such section 1626, as amended
17 by subsection (a), is—

18 (1) transferred to chapter 21 of title 10, United
19 States Code; and

20 (2) redesignated as subsection (c) of section
21 426 of such title.

1 **SEC. 1626.[Log 67910] PROHIBITION ON THE AVAILABILITY**
2 **OF FUNDS FOR DEPARTMENT OF DEFENSE**
3 **ASSUMING BACKGROUND INVESTIGATION**
4 **MISSION FOR THE FEDERAL GOVERNMENT.**

5 None of the funds authorized to be appropriated by
6 this Act or otherwise made available for fiscal year 2019
7 for the Department of Defense may be obligated or ex-
8 pended during the period beginning on the date of the en-
9 actment of this Act and ending on December 31, 2019,
10 to transfer to the Department the background investiga-
11 tion mission for all agencies or departments of the Federal
12 Government using the National Background Investigation
13 Bureau for investigative services as of April 1, 2018.

1 **SEC. 1644.[Log 66804] PROCUREMENT AUTHORITY FOR**
2 **CERTAIN PARTS OF INTERCONTINENTAL**
3 **BALLISTIC MISSILE FUZES.**

4 (a) AVAILABILITY OF FUNDS.—Notwithstanding sec-
5 tion 1502(a) of title 31, United States Code, of the
6 amount authorized to be appropriated for fiscal year 2019
7 by section 101 and available for Missile Procurement, Air
8 Force, as specified in the funding table in division D,
9 \$9,841,000 shall be available for the procurement of cov-
10 ered parts pursuant to contracts entered into under sec-
11 tion 1645(a) of the Carl Levin and Howard P. “Buck”
12 McKeon National Defense Authorization Act for Fiscal
13 Year 2015 (Public Law 113–291; 128 Stat. 3651).

14 (b) COVERED PARTS DEFINED.—In this section, the
15 term “covered parts” means commercially available off-
16 the-shelf items as defined in section 104 of title 41, United
17 States Code.

1 **SEC. 1646.[Log 67860] INDEPENDENT STUDY ON NUCLEAR**
2 **WEAPONS LAUNCH-UNDER-ATTACK OPTION.**

3 (a) FINDINGS.—Congress finds the following:

4 (1) Maintaining a safe, effective, and reliable
5 nuclear arsenal and command and control system
6 are high priorities for ensuring national security.

7 (2) The current launch-under-attack option,
8 particularly for the intercontinental ballistic missile
9 forces, could require a quick decision, on the order
10 of minutes, on whether to use these weapons to re-
11 spond to an incoming attack.

12 (b) INDEPENDENT STUDY.—Not later than 30 days
13 after the date of the enactment of this Act, the Secretary
14 of Defense shall seek to enter into a contract with a feder-
15 ally funded research and development center to conduct
16 a study on the potential benefits and risks of reducing the
17 role of the launch-under-attack option with respect to
18 planning by the United States relating to nuclear weap-
19 ons.

20 (c) SELECTION.—The Secretary may not enter into
21 the contract under subsection (b) with a federally funded
22 research and development center for which the Air Force
23 is the primary sponsor.

24 (d) REPORTS.—

25 (1) SUBMISSION TO DOD.—Not later than 270
26 days after the date of the enactment of this Act, the

1 federally funded research and development center
2 shall submit to the Secretary a report containing the
3 study conducted under subsection (b). Such report
4 shall include the findings and recommendations of
5 the center.

6 (2) SUBMISSION TO CONGRESS.—Not later than
7 30 days after the date on which the Secretary re-
8 ceives the report under paragraph (1), the Secretary
9 shall submit to the congressional defense committees
10 such report, without change.

11 (3) FORM.—The reports under paragraphs (1)
12 and (2) shall be submitted in unclassified form, but
13 may include a classified annex.

1 **SEC. 1668.[Log 67519] LIMITATION ON AVAILABILITY OF**
2 **FUNDS FOR ARMY LOWER TIER AIR AND MIS-**
3 **SILE DEFENSE SENSOR.**

4 If the Secretary of the Army issues an acquisition
5 strategy for a 360-degree lower tier air and missile defense
6 sensor pursuant to section 1679(a) of the National De-
7 fense Authorization Act for Fiscal Year 2018 (Public Law
8 115–91; 131 Stat. 1774) that proposes such sensor
9 achieve initial operating capability later than December
10 31, 2023, not more than 50 percent of the funds author-
11 ized to be appropriated by this Act or otherwise made
12 available for fiscal year 2019 for such sensor may be obli-
13 gated or expended until the date on which the Secretary
14 submits to the congressional defense committees a re-
15 port—

16 (1) explaining the rationale of such delayed ini-
17 tial operating capability, including a description of
18 any technological or acquisition-related factors caus-
19 ing such delay; and

20 (2) containing a funding profile and schedule to
21 ensure that such sensor would achieve initial oper-
22 ating capability by December 31, 2023.

1 **SEC. 1669.[Log 67714] MISSILE DEFENSE RADAR IN HAWAII.**

2 (a) SENSE OF CONGRESS.—It is the sense of Con-
3 gress that the Secretary of Defense, acting through the
4 Director of the Missile Defense Agency, and in coordina-
5 tion with relevant Federal and local entities, should—

6 (1) ensure an on-time or improved delivery
7 schedule of the discrimination radar for homeland
8 defense to be made operational in Hawaii; and

9 (2) accelerate the deployment of the radar as
10 much as possible, contingent on the environmental
11 review process pursuant to the National Environ-
12 mental Policy Act of 1969 (42 U.S.C. 4321 et seq.).

13 (b) CERTIFICATION.—Not later than 45 days after
14 the date of the enactment of this Act, the Director of the
15 Missile Defense Agency shall certify to the congressional
16 defense committees that—

17 (1) the Director is on schedule to award the
18 contract for the discrimination radar for homeland
19 defense planned to be located in Hawaii by Decem-
20 ber 31, 2018; and

21 (2) such radar and associated in-flight inter-
22 ceptor communications system data terminal will be
23 operational by not later than September 30, 2023.

24 (c) BRIEFINGS.—

25 (1) DELAYED SCHEDULE.—If the Director is
26 unable to certify under subsection (b) that the Di-

1 rector is on schedule to award the contract for the
2 discrimination radar for homeland defense planned
3 to be located in Hawaii by December 31, 2018, not
4 later than 45 days after the date of the enactment
5 of this Act, and on a biweekly basis thereafter until
6 the date of the award, the Director shall provide to
7 the Committees on Armed Services of the House of
8 Representatives and the Senate, and to any other
9 congressional defense committee upon request, a
10 briefing explaining—

11 (A) the rationale for the delay in such
12 schedule; and

13 (B) any effects of such delay in making
14 such radar and associated in-flight interceptor
15 communications system data terminal oper-
16 ational by not later than September 30, 2023.

17 (2) SEMIANNUAL.—Not later than 45 days
18 after the date of the enactment of this Act, and
19 semiannually thereafter through 2021, the Director
20 shall provide to the Committees on Armed Services
21 of the House of Representatives and the Senate, and
22 to any other congressional defense committee upon
23 request, a briefing on—

24 (A) the acquisition of the discrimination
25 radar for homeland defense planned to be lo-

1 cated in Hawaii and the associated in-flight in-
2 terceptor communications system data terminal;
3 and

4 (B) the environmental review process for
5 such radar pursuant to the National Environ-
6 mental Policy Act of 1969 (42 U.S.C. 4321 et
7 seq.).

1 **SEC. 1682.[Log 67481] PROCUREMENT OF AMMONIUM PER-**
2 **CHLORATE AND OTHER CHEMICALS FOR USE**
3 **IN SOLID ROCKET MOTORS.**

4 (a) BUSINESS CASE ANALYSIS.—

5 (1) GOVERNMENT-OWNED, CONTRACTOR OPER-
6 ATED.—The Secretary of the Army and the Deputy
7 Assistant Secretary of Defense for Manufacturing
8 and Industrial Base Policy shall jointly conduct a
9 business case analysis of the Federal Government
10 using a Government-owned, contractor-operated
11 model to ensure a robust domestic industrial base to
12 supply specialty chemicals, including ammonium per-
13 chlorate, for use in solid rocket motors. Such anal-
14 ysis shall include assessments of the near- and long-
15 term costs, operating and sustainment costs, pro-
16 gram impacts, opportunities for competition, oppor-
17 tunities for redundant or complementary capabili-
18 ties, and national security implications of using such
19 a model.

20 (2) REPORT.—Not later than March 1, 2019,
21 the Secretary and the Deputy Assistant Secretary
22 shall submit to the congressional defense committees
23 the business case analysis conducted under para-
24 graph (1).

25 (b) FULL AND OPEN COMPETITION.—

1 (1) USE.—To the extent practicable, in award-
2 ing a contract for the sale of ammonium perchlorate
3 from retired solid rocket motors, the Secretary of
4 Defense shall use full and open competition (as de-
5 fined in section 107 of title 41, United States Code).

6 (2) NOTIFICATION.—If the Secretary awards a
7 contract for the sale of ammonium perchlorate from
8 retired solid rocket motors using procedures that do
9 not include full and open competition, the Secretary
10 shall notify the congressional defense committees of
11 such award not later than 30 days after the date of
12 such award.

1 **SEC. 1683.[Log 67196] CONVENTIONAL PROMPT GLOBAL**
2 **STRIKE HYPERSONIC CAPABILITIES.**

3 (a) **VALIDATED REQUIREMENTS.**—Not later than
4 November 30, 2018, the Secretary of Defense shall submit
5 to the congressional defense committees a validated re-
6 quirement for ground-, sea-, or air-launched (or a com-
7 bination thereof) conventional prompt global strike
8 hypersonic capabilities.

9 (b) **REPORT.**—Not later than January 31, 2019, the
10 Under Secretary of Defense for Acquisition and
11 Sustainment, in coordination with the Secretary of the
12 Navy and the Under Secretary of Defense for Policy, shall
13 submit to the congressional defense committees a report
14 that contains the following:

15 (1) A plan to deliver a conventional prompt
16 global strike weapon system that—

17 (A) is in accordance with section 1693 of
18 the National Defense Authorization Act for Fis-
19 cal Year 2018 (Public Law 115–91; 131 Stat.
20 1791); and

21 (B) includes—

22 (i) options with cost estimates for ac-
23 celerating the initial capability for such
24 system; and

25 (ii) a description of policy decisions by
26 the Secretary of Defense that are nec-

1 necessary to employ hypersonic offense capa-
2 bilities from each potential launch platform
3 of such system.

4 (2) Details with respect to the assessed level of
5 ambiguity and misinterpretation risk relating to the
6 conventional prompt global strike weapon system, in-
7 cluding such potential risks associated with warhead
8 ambiguity, platform ambiguity (including if adver-
9 sary sensors are degraded), perceptions of the sur-
10 vivability of strategic nuclear forces, and likely ad-
11 versary responses.

12 (3) A description of whether, when, and how
13 the Under Secretary would address the risks identi-
14 fied under paragraph (2) in developing and deploy-
15 ing the conventional prompt global strike weapon
16 system and in developing the concept of operations
17 for such system.

1 **SEC. 2702 [Log 67511]. ADDITIONAL AUTHORITY TO REALIGN**
2 **OR CLOSE CERTAIN MILITARY INSTALLA-**
3 **TIONS.**

4 (a) AUTHORIZATION.—Notwithstanding sections 993
5 or 2687 of title 10, United States Code, and subject to
6 subsection (d), the Secretary of Defense may take such
7 actions as may be necessary to carry out the realignment
8 or closure of a military installation in a State during a
9 fiscal year if—

10 (1) the military installation is the subject of a
11 notice which is described in subsection (b); and

12 (2) the Secretary includes the military installa-
13 tion in the report submitted under paragraph (2) of
14 subsection (c) with respect to the fiscal year.

15 (b) NOTICE FROM GOVERNOR OF STATE.—A notice
16 described in this subsection is a notice received by the Sec-
17 retary of Defense from the Governor of a State (or, in
18 the case of the District of Columbia, the Mayor of the
19 District of Columbia) in which the Governor recommends
20 that the Secretary carry out the realignment or closure
21 of a military installation located in the State, and which
22 includes each of the following elements:

23 (1) A specific description of the military instal-
24 lation, or a specific description of the relevant real
25 and personal property.

1 (2) Statements of support for the realignment
2 or closure from units of local government in which
3 the installation is located.

4 (3) A detailed plan for the reuse or redevelop-
5 ment of the real and personal property of the instal-
6 lation, together with a description of the local rede-
7 velopment authority which will be responsible for the
8 implementation of the plan.

9 (c) RESPONSE TO NOTICE.—

10 (1) MANDATORY RESPONSE TO GOVERNOR AND
11 CONGRESS.—Not later than 1 year after receiving a
12 notice from the Governor of a State (or, in the case
13 of the District of Columbia, from the Mayor of the
14 District of Columbia), the Secretary of Defense shall
15 submit a response to the notice to the Governor and
16 the congressional defense committees indicating
17 whether or not the Secretary accepts the rec-
18 ommendation for the realignment or closure of a
19 military installation which is the subject of the no-
20 tice.

21 (2) ACCEPTANCE OF RECOMMENDATION.—If
22 the Secretary of Defense determines that it is in the
23 interests of the United States to accept the rec-
24 ommendation for the realignment or closure of a
25 military installation which is the subject of a notice

1 received under subsection (b) and intends to carry
2 out the realignment or closure of the installation
3 pursuant to the authority of this section during a
4 fiscal year, at the time the budget is submitted
5 under section 1105(a) of title 31, United States
6 Code, for the fiscal year, the Secretary shall submit
7 a report to the congressional defense committees
8 which includes the following:

9 (A) The identification of each military in-
10 stallation for which the Secretary intends to
11 carry out a realignment or closure pursuant to
12 the authority of this section during the fiscal
13 year, together with the reasons the Secretary of
14 Defense believes that it is in the interest of the
15 United States to accept the recommendation of
16 the Governor of the State involved for the re-
17 alignment or closure of the installation.

18 (B) For each military installation identi-
19 fied under subparagraph (A), a master plan de-
20 scribing the required scope of work, cost, and
21 timing for all facility actions needed to carry
22 out the realignment or closure, including the
23 construction of new facilities and the repair or
24 renovation of existing facilities.

1 (C) For each military installation identified
2 under subparagraph (A), a certification that,
3 not later than the end of the fifth fiscal year
4 after the completion of the realignment or clo-
5 sure, the savings resulting from the realignment
6 or closure will exceed the costs of carrying out
7 the realignment or closure, together with an es-
8 timate of the annual recurring savings that
9 would be achieved by the realignment or closure
10 of the installation and the timeframe required
11 for the financial savings to exceed the costs of
12 carrying out the realignment or closure.

13 (d) LIMITATIONS.—

14 (1) TIMING.—The Secretary may not initiate
15 the realignment or closure of a military installation
16 pursuant to the authority of this section until the
17 expiration of the 90-day period beginning on the
18 date the Secretary submits the report under para-
19 graph (2) of subsection (c).

20 (2) TOTAL COSTS.—Subject to appropriations,
21 the aggregate cost to the government in carrying out
22 the realignment or closure of military installations
23 pursuant to the authority of this section for all fiscal
24 years may not exceed \$2,000,000,000. In deter-
25 mining the cost to the government for purposes of

1 this section, there shall be included the costs of
2 planning and design, military construction, oper-
3 ations and maintenance, environmental restoration,
4 information technology, termination of public-private
5 contracts, guarantees, and other factors contributing
6 to the cost of carrying out the realignment or clo-
7 sure, as determined by the Secretary.

8 (e) PROCESS FOR IMPLEMENTATION.—The imple-
9 mentation of the realignment or closure of a military in-
10 stallation pursuant to the authority of this section shall
11 be carried out in accordance with section 2905 of the De-
12 fense Base Closure and Realignment Act of 1990 (title
13 XXIX of Public Law 101–510; 10 U.S.C. 2687 note) in
14 the same manner as the implementation of a realignment
15 or closure of a military installation pursuant to the au-
16 thority of such Act.

17 (f) STATE DEFINED.—In this section, the term
18 “State” means each of the several States, the District of
19 Columbia, the Commonwealth of Puerto Rico, American
20 Samoa, Guam, the United States Virgin Islands, and the
21 Commonwealth of the Northern Mariana Islands.

22 (g) TERMINATION OF AUTHORITY.—The authority of
23 the Secretary to carry out a realignment or closure pursu-
24 ant to this section shall terminate at the end of fiscal year
25 2029.

1 **SEC. 2703 [Log 67728]. PROHIBITION ON CONDUCTING ADDI-**
2 **TIONAL BASE REALIGNMENT AND CLOSURE**
3 **(BRAC) ROUND.**

4 Nothing in this Act shall be construed to authorize
5 an additional Base Realignment and Closure (BRAC)
6 round.

1 **Subtitle B—Real Property and**
2 **Facilities Administration**

3 **SEC. 2811 [Log 66813]. OPTIONAL PARTICIPATION IN COL-**
4 **LECTION OF INFORMATION ON UNUTILIZED**
5 **AND UNDERUTILIZED MILITARY INSTALLA-**
6 **TION PROPERTIES AVAILABLE FOR HOME-**
7 **LESS ASSISTANCE.**

8 (a) MAKING PARTICIPATION BY AGENCIES OF DE-
9 PARTMENT OF DEFENSE OPTIONAL.—Section 501(a) of
10 the McKinney-Vento Homeless Assistance Act (42 U.S.C.
11 11411(a)) is amended—

12 (1) by striking “The Secretary of Housing” and
13 inserting “(1) The Secretary of Housing”; and

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

16 “(2) The transmittal of information by the head of
17 a landholding agency of the Department of Defense under
18 this subsection shall be optional in the case of an excess
19 or surplus building, facility, or property if the Secretary
20 of Defense determines that the building, facility, or prop-
21 erty—

22 “(A) would be for off-site use only; or

23 “(B) is located on an active military installation
24 and is not subject to subsection (h).

1 “(3) If the Secretary of Defense makes a determina-
2 tion under paragraph (2) during a fiscal year, not later
3 than 90 days after the end of that fiscal year, the Sec-
4 retary of Defense shall submit a report to the Committees
5 on Armed Services, Banking, Housing, and Urban Affairs,
6 and Homeland Security and Governmental Affairs of the
7 Senate and the Committees on Armed Services, Financial
8 Services, and Oversight and Government Reform of the
9 House of Representatives listing all of the buildings, facili-
10 ties, and properties for which the Secretary of Defense
11 made a determination under paragraph (2) during that
12 fiscal year. The Secretary of Defense shall submit the re-
13 port in unclassified form, but may include a classified
14 annex as necessary.”.

15 (b) EFFECTIVE DATE.—The amendment made by
16 subsection (a) shall apply with respect to fiscal year 2019
17 and each succeeding fiscal year.

1 **SEC. 2812 [Log 68011]. FORCE STRUCTURE PLANS AND IN-**
2 **FRASTRUCTURE CAPABILITIES NECESSARY**
3 **TO SUPPORT THE FORCE STRUCTURE.**

4 (a) FORCE STRUCTURE PLANS AND INFRASTRUC-
5 TURE CAPABILITIES.—Not later than the date on which
6 the budget of the President for fiscal year 2021 is sub-
7 mitted to Congress pursuant to section 1105 of title 31,
8 United States Code, the Secretary of Defense shall develop
9 and submit to the congressional defense committees the
10 following:

11 (1) A force structure plan for each of the Army,
12 Navy, Air Force, and Marine Corps and the reserve
13 components of each military department that is in-
14 formed by—

15 (A) an assessment by the Secretary of De-
16 fense of the probable threats to the national se-
17 curity of the United States; and

18 (B) end-strength levels and major military
19 force units (including land force divisions, car-
20 rier and other major combatant vessels, air
21 wings, and other comparable units) authorized
22 in the National Defense Authorization Act for
23 Fiscal Year 2018 (Public Law 115–91).

24 (2) A categorical model of installation capabili-
25 ties required to carry out the force structures plans
26 described in paragraph (1) based on—

1 (A) the infrastructure, real property, and
2 facilities capabilities required to carry out such
3 plans; and

4 (B) the current military requirements of
5 the major military units referred to in subpara-
6 graph (B) of such paragraph.

7 (b) CONSISTENCY.—In developing force structure
8 plans and categorical models of installation capabilities
9 under subsection (a), the Secretary of Defense shall en-
10 sure that the infrastructure, real property, and facilities
11 of each of the military departments are categorized and
12 measured in consistent terms so as to facilitate compari-
13 sons.

14 (c) RELATIONSHIP TO INVENTORY.—Using the infor-
15 mation in the force structure plans and categorical model
16 developed under subsection (a), the Secretary of Defense
17 shall submit to Congress each of the following:

18 (1) An assessment of the requirements nec-
19 essary for carrying out the force structure plans
20 compared to existing infrastructure, real property,
21 and facilities capabilities, as documented in the
22 records maintained under section 2721 of title 10,
23 United States Code.

1 (2) An identification of any deficit or surplus
2 capability in such infrastructure, real property, and
3 facilities—

4 (A) for each military department; and

5 (B) for locations within the continental
6 United States and territories.

1 **Subtitle C—Land Conveyances**

2 **SEC. 2821 [Log 67876]. AUTHORITY FOR TRANSFER OF AD-**
3 **MINISTRATIVE JURISDICTION OVER CERTAIN**
4 **LANDS, MARINE CORPS AIR GROUND COM-**
5 **BAT CENTER TWENTYNINE PALMS, CALI-**
6 **FORNIA, AND MARINE CORPS AIR STATION**
7 **YUMA, ARIZONA.**

8 (a) MARINE CORPS AIR GROUND COMBAT CENTER
9 TWENTYNINE PALMS, CALIFORNIA.—

10 (1) AUTHORITY FOR TRANSFER.—Subject to
11 paragraph (2), the Secretary of the Navy may trans-
12 fer to the Secretary of the Interior, at no cost, ad-
13 ministrative jurisdiction of approximately 2,105
14 acres of non-contiguous parcels of land within the
15 Shared Use Area of the Marine Corps Air Ground
16 Combat Center Twentynine Palms, California.

17 (2) CONDITION FOR TRANSFER.—The Secretary
18 of the Navy may carry out the transfer under this
19 subsection only if the Secretary of the Navy and the
20 Secretary of the Interior each determine that the
21 transfer is in the public interest and will be for the
22 benefit of the Department of the Navy and the De-
23 partment of the Interior, respectively.

24 (3) STATUS OF LAND AFTER TRANSFER.—Upon
25 completion of the transfer under this subsection, the

1 land over which the Secretary of the Interior obtains
2 administrative jurisdiction shall become public land
3 withdrawn and reserved under section 2941 of the
4 National Defense Authorization Act for Fiscal Year
5 2014 (Public Law 113–66; 127 Stat. 1034), and
6 shall be managed in accordance with section
7 2942(b)(1) of such Act (Public Law 113–66; 127
8 Stat. 1036), in the same manner as other lands in
9 the Shared Use Area.

10 (4) SHARED USE AREA DEFINED.—In this sub-
11 section, the term “Shared Use Area” means the
12 area described in section 2941(b)(2) of the National
13 Defense Authorization Act for Fiscal Year 2014
14 (Public Law 113–66; 127 Stat. 1035).

15 (b) MARINE CORPS AIR STATION YUMA, ARIZONA.—

16 (1) AUTHORITY FOR TRANSFER.—Subject to
17 paragraph (2), the Secretary of the Interior may
18 transfer to the Secretary of the Navy, at no cost, ad-
19 ministrative jurisdiction of approximately 256 acres
20 of non-contiguous parcels of land within Marine
21 Corps Air Station Yuma, Arizona which are used by
22 the Department of the Navy as of the day before the
23 date of the enactment of this Act pursuant to any
24 of the following authorities:

1 (A) Public Land Order Number 2766 of
2 August 28, 1962.

3 (B) Expired Public Land Order Number
4 6804 of October 16, 1990.

5 (C) Memorandum of Understanding Num-
6 ber 14-06-300-1266 of July 5, 1962, between
7 the Department of the Interior and the Depart-
8 ment of the Navy.

9 (2) CONDITION FOR TRANSFER.—The Secretary
10 of the Interior may carry out the transfer under this
11 subsection only if the Secretary of the Interior and
12 the Secretary of the Navy each determine that the
13 transfer is in the public interest and will be for the
14 benefit of the Department of the Interior and the
15 Department of the Navy, respectively.

16 (3) WITHDRAWAL OF LAND AFTER TRANS-
17 FER.—Upon completion of the transfer under this
18 subsection, the land over which the Secretary of the
19 Navy obtains administrative jurisdiction—

20 (A) shall cease to be public land; and

21 (B) for as long as the land is under the
22 administrative jurisdiction of the Secretary of
23 the Navy or the Secretary of any other military
24 department, shall be withdrawn from all forms
25 of entry, appropriation, or disposal under the

1 public land laws, from location, entry, and pat-
2 ent under the mining laws, and from disposition
3 under all laws relating to mineral interests and
4 to mineral and geothermal leasing.

1 **Subtitle D—Military Land**
2 **Withdrawals**

3 **SEC. 2831 [Log 67123]. INDEFINITE DURATION OF CERTAIN**
4 **MILITARY LAND WITHDRAWALS AND RES-**
5 **ERVATIONS AND IMPROVED MANAGEMENT**
6 **OF WITHDRAWN AND RESERVED LANDS.**

7 (a) IMPROVING MANAGEMENT OF CURRENT STATU-
8 TORY LAND WITHDRAWALS AND RESERVATIONS AND
9 MAKING MANAGEMENT MORE TRANSPARENT.—

10 (1) ROLE OF SECRETARY OF THE INTERIOR.—

11 Section 101(a)(2) of the Sikes Act (16 U.S.C.
12 670a(a)(2)) is amended by striking “, acting
13 through the Director of the United States Fish and
14 Wildlife Service,”.

15 (2) ADDITIONAL ELEMENT OF INTEGRATED
16 NATURAL RESOURCES MANAGEMENT PLAN.—Section
17 101(b) of the Sikes Act (16 U.S.C. 670a(b)) is
18 amended—

19 (A) by striking “and” at the end of para-
20 graph (2);

21 (B) by redesignating paragraph (3) as
22 paragraph (4); and

23 (C) by inserting after paragraph (2) the
24 following new paragraph:

1 “(3) for purposes of paragraph (2), shall be re-
2 viewed—

3 “(A) jointly by the Secretary of the mili-
4 tary department and the Secretary of the Inte-
5 rior; and

6 “(B) in a manner that provides affected
7 States and Indian tribes and the public a mean-
8 ingful opportunity to comment on any signifi-
9 cant revisions to the plan that may be proposed;
10 and”.

11 (b) EL CENTRO NAVAL AIR FACILITY RANGES.—

12 (1) ELIMINATION OF TERMINATION DATE AND
13 CONFORMING AMENDMENTS.—The El Centro Naval
14 Air Facility Ranges Withdrawal Act (subtitle B of
15 title XXIX of Public Law 104–201; 110 Stat. 2813)
16 is amended—

17 (A) in section 2921(b)(3), by striking “,
18 before the termination date specified in section
19 2925,”;

20 (B) in section 2924(a), by striking the
21 third sentence;

22 (C) by striking sections 2925 and 2927;
23 and

24 (D) in section 2928(a), by striking “speci-
25 fied in section 2925”.

1 (2) DETERMINATION OF CONTINUING MILITARY
2 NEED FOR WITHDRAWAL AND RESERVATION AND
3 PUBLIC REPORTS.—The El Centro Naval Air Facil-
4 ity Ranges Withdrawal Act (subtitle B of title XXIX
5 of Public Law 104–201; 110 Stat. 2813) is further
6 amended by inserting after section 2926 the fol-
7 lowing new section:

8 **“SEC. 2927. DETERMINATION OF CONTINUING MILITARY**
9 **NEED FOR WITHDRAWAL AND RESERVATION**
10 **AND PUBLIC REPORTS.**

11 “(a) PUBLIC REPORTS.—

12 “(1) CHANGES IN LAND CONDITIONS.—(A)
13 Concurrent with each review as to operation and ef-
14 fect of an integrated natural resources management
15 plan covering lands withdrawn and reserved under
16 this title, as required by section 101(b)(2) of the
17 Sikes Act (16 U.S.C. 670a(b)(2)), the Secretary of
18 the Navy and the Secretary of the Interior shall
19 jointly prepare and issue a report describing any
20 changes in the condition of the lands withdrawn and
21 reserved under this subtitle since the later of the
22 date of any previous report under this paragraph or
23 the date of the environmental analysis prepared to
24 support the actions that changed the condition of
25 the lands.

1 “(B) A report under subparagraph (A) shall in-
2 clude a summary of current military use of the lands
3 withdrawn and reserved under this subtitle, any
4 changes in military use of the lands since the pre-
5 vious report, and efforts related to the management
6 of natural and cultural resources and environmental
7 remediation of the lands during the previous five
8 years.

9 “(2) COMBINATION WITH OTHER REPORTS.—A
10 report under this subsection may be combined with,
11 or incorporate by reference, any contemporary report
12 required by any other provision of law regarding the
13 lands withdrawn and reserved under this subtitle.

14 “(3) PUBLIC REVIEW AND COMMENT.—(A) Be-
15 fore the finalization of a report under this sub-
16 section, the Secretary of the Navy and the Secretary
17 of the Interior shall invite interested members of the
18 public to review and comment on the report, and
19 shall hold at least one public meeting concerning the
20 report in a location or locations reasonably accessible
21 to persons who may be affected by management of
22 the lands withdrawn and reserved under this sub-
23 title.

24 “(B) Each public meeting under subparagraph
25 (A) shall be announced not less than 15 days before

1 the date of the meeting by advertisements in local
2 newspapers of general circulation, notices on the
3 internet, including the website of El Centro, and any
4 other means considered necessary or desirable by the
5 Secretaries.

6 “(4) DISTRIBUTION OF REPORT.—The Sec-
7 retary of the Navy shall make the final version of a
8 report under this subsection available to the public
9 and shall submit the final version of such a report
10 to the Committees on Armed Services and Energy
11 and Natural Resources of the Senate and the Com-
12 mittees on Armed Services and Natural Resources of
13 the House of Representatives.

14 “(b) DETERMINATION OF CONTINUING MILITARY
15 NEED.—With each report prepared pursuant to sub-
16 section (a), the Secretary of the Navy shall attach the Sec-
17 retary’s determination regarding whether there will be a
18 continuing military need for any or all the withdrawn and
19 reserved lands for the following 5 years.”.

20 (3) CLERICAL AMENDMENTS.—The table of
21 contents of the El Centro Naval Air Facility Ranges
22 Withdrawal Act (subtitle B of title XXIX of Public
23 Law 104-201; 110 Stat. 2813) is amended—

24 (A) by striking the item relating to section
25 2925; and

1 (B) by amending the item relating to sec-
2 tion 2927 to read as follows:

“Sec. 2927. Determination of continuing military need for withdrawal and res-
ervation and public reports.”.

3 (c) JUNIPER BUTTE RANGE.—

4 (1) ELIMINATION OF TERMINATION DATE AND
5 CONFORMING AMENDMENTS.—The Juniper Butte
6 Range Withdrawal Act (title XXIX of Public Law
7 105–261; 112 Stat. 2226) is amended—

8 (A) in section 2915—

9 (i) in the section heading, by striking
10 “**Duration**” and inserting “**Relin-**
11 **quishment**”;

12 (ii) in subsection (a), by striking
13 “TERMINATION.—” and all that follows
14 through “At the time of termination” and
15 inserting “EFFECT OF RELINQUISHMENT
16 ON OPERATION OF GENERAL LAND
17 LAWS.—Upon relinquishment of Depart-
18 ment of the Air Force jurisdiction over
19 lands withdrawn and reserved by this
20 title”;

21 (iii) in subsection (b)—

22 (I) in the subsection heading, by
23 inserting “PROCESS” after “RELIN-
24 QUISHMENT”;

- 1 (II) in paragraph (1), by striking
2 “under subsection (c)”; and
- 3 (III) in paragraph (3), by strik-
4 ing “before the date of termination,
5 as provided for in subsection (a)(1)”;
6 and
7 (iv) by striking subsection (e); and
- 8 (B) in section 2916—
- 9 (i) in the section heading, by striking
10 **“or upon termination of with-
11 drawal”**;
- 12 (ii) in subsection (a)(1), by striking
13 “and in all cases not later than 2 years be-
14 fore the date of termination of withdrawal
15 and reservation,”;
- 16 (iii) in subsection (b), by striking “en-
17 vironmental remediation” and all that fol-
18 lows through the end of the subsection and
19 inserting “environmental remediation be-
20 fore relinquishing, to the Secretary of the
21 Interior, jurisdiction over any lands identi-
22 fied in a notice of intent to relinquish
23 under section 2915(b).”; and
- 24 (iv) in subsection (d)—

1 (I) in the subsection heading, by
2 striking “TERMINATES” and inserting
3 “RELINQUISHED”;

4 (II) by striking “termination
5 date” both places it appears and in-
6 serting “relinquishment date”; and

7 (III) in paragraph (2), by strik-
8 ing “termination” and inserting “re-
9 relinquishment”.

10 (2) DETERMINATIONS OF CONTINUING MILI-
11 TARY NEED FOR WITHDRAWAL AND RESERVATION
12 AND PUBLIC REPORTS.—Section 2909 of the Juni-
13 per Butte Range Withdrawal Act (title XXIX of
14 Public Law 105–261; 112 Stat. 2230) is amended
15 by adding at the end the following new subsection:

16 “(d) PUBLIC REPORTS.—

17 “(1) CHANGES IN LAND CONDITIONS.—(A)
18 Concurrent with each review of an integrated nat-
19 ural resources management plan developed under
20 this section, the Secretary of the Air Force and the
21 Secretary of the Interior shall jointly prepare and
22 issue a report describing any changes in the condi-
23 tion of the lands withdrawn and reserved by this
24 title since the later of the date of any previous re-
25 port under this paragraph or the date of the envi-

1 ronmental analysis prepared to support the actions
2 that changed the condition of the lands.

3 “(B) A report under subparagraph (A) shall in-
4 clude a summary of current military use of the lands
5 withdrawn and reserved by this title, any changes in
6 military use of the lands since the previous report,
7 and efforts related to the management of natural
8 and cultural resources and environmental remedi-
9 ation of the lands during the previous 5 years.

10 “(2) COMBINATION WITH OTHER REPORTS.—A
11 report under this subsection may be combined with,
12 or incorporate by reference, any contemporary report
13 required by any other provision of law regarding the
14 lands withdrawn and reserved by this title.

15 “(3) PUBLIC REVIEW AND COMMENT.—(A) Be-
16 fore the finalization of a report under this sub-
17 section, the Secretary of the Air Force and the Sec-
18 retary of the Interior shall invite interested members
19 of the public to review and comment on the report,
20 and shall hold at least one public meeting concerning
21 the report in a location or locations reasonably ac-
22 cessible to persons who may be affected by manage-
23 ment of the lands withdrawn and reserved by this
24 title.

1 “(B) Each public meeting under subparagraph
2 (A) shall be announced not less than 15 days before
3 the date of the meeting by advertisements in local
4 newspapers of general circulation, notices on the
5 internet, including the website of the Juniper Butte
6 Range (if one exists), and any other means consid-
7 ered necessary or desirable by the Secretaries.

8 “(4) DETERMINATION OF CONTINUING MILI-
9 TARY NEED.—With each report prepared pursuant
10 to this subsection, the Secretary of the Air Force
11 shall attach the Secretary’s determination regarding
12 whether there will be a continuing military need for
13 any or all the withdrawn and reserved lands for the
14 following 5 years.

15 “(5) DISTRIBUTION OF REPORT.—The Sec-
16 retary of the Air Force shall make the final version
17 of a report under this subsection available to the
18 public and shall submit the final version of such a
19 report to the Committees on Armed Services and
20 Energy and Natural Resources of the Senate and
21 the Committees on Armed Services and Natural Re-
22 sources of the House of Representatives.”.

23 (3) CLERICAL AMENDMENTS.—The table of
24 contents of the Juniper Butte Range Withdrawal

1 Act (title XXIX of Public Law 105-261; 112 Stat.
2 2226) is amended—

3 (A) by amending the item relating to sec-
4 tion 2915 to read as follows:

“Sec. 2915. Relinquishment of withdrawal.”; and

5 (B) by amending the item relating to sec-
6 tion 2916 to read as follows:

“Sec. 2916. Environmental remediation of relinquished withdrawn lands.”.

7 (d) RANGES COVERED BY SUBTITLE A OF MILITARY
8 LANDS WITHDRAWAL ACT OF 1999.—

9 (1) ELIMINATION OF TERMINATION DATE AND
10 CONFORMING AMENDMENTS.—The Military Lands
11 Withdrawal Act of 1999 (title XXX of Public Law
12 106–65; 113 Stat. 885) is amended—

13 (A) by striking section 3015;

14 (B) by striking section 3016 and inserting
15 the following new section:

16 **“SEC. 3016. RELINQUISHMENT.**

17 “(a) NOTICE OF INTENT REGARDING RELINQUISH-
18 MENT.—If the Secretary of the military department con-
19 cerned decides to relinquish all or any of the lands with-
20 drawn and reserved by section 3011, such Secretary shall
21 transmit a notice of intent to relinquish such lands to the
22 Secretary of the Interior.

23 “(b) OPENING DATE.—On the date of relinquishment
24 of the withdrawal and reservation of lands withdrawn and

1 reserved by section 3011, such lands shall not be open to
2 any form of appropriation under the public land laws, in-
3 cluding the mineral laws and the mineral leasing and geo-
4 thermal leasing laws, until the Secretary of the Interior
5 publishes in the Federal Register an appropriate order
6 stating the date upon which such lands shall be restored
7 to the public domain and opened.”; and

8 (C) in section 3017—

9 (i) by striking “section 3016(d)” each
10 place it appears and inserting “section
11 3016”; and

12 (ii) in subsection (e)—

13 (I) by striking “If because” and
14 everything that follows through “de-
15 termines that” and inserting “If the
16 Secretary of the Interior declines to
17 accept jurisdiction over lands with-
18 drawn by this subtitle which have
19 been proposed for relinquishment be-
20 cause the Secretary determines that”;
21 and

22 (II) in paragraph (2), by striking
23 “the expiration of the withdrawal of
24 such lands under this subtitle” and
25 inserting “such determination”.

1 (2) ESTABLISHMENT OF INTERGOVERNMENTAL
2 EXECUTIVE COMMITTEES.—Section 3014 of the
3 Military Lands Withdrawal Act of 1999 (title XXX
4 of Public Law 106–65; 113 Stat. 890) is amended
5 by adding at the end the following new subsection:

6 “(g) INTERGOVERNMENTAL EXECUTIVE COMMIT-
7 TEES.—

8 “(1) ESTABLISHMENT AND PURPOSE.—For the
9 lands withdrawn and reserved by section 3011, the
10 Secretary of the military department concerned and
11 the Secretary of the Interior shall establish, by
12 memorandum of understanding, an intergovern-
13 mental executive committee for each range for the
14 sole purpose of exchanging views, information, and
15 advice relating to the management of the natural
16 and cultural resources of the withdrawn and re-
17 served lands.

18 “(2) COMPOSITION.—(A) The Secretary of the
19 military department concerned and the Secretary of
20 the Interior shall include representatives from inter-
21 ested Federal agencies as members of the intergov-
22 ernmental executive committee for a range.

23 “(B) The Secretary of the military department
24 concerned and the Secretary of the Interior shall in-

1 vite to serve as members of the intergovernmental
2 executive committee for a range—

3 “(i) at least one elected officer (or other
4 authorized representative) from the government
5 of the State in which the withdrawn and re-
6 served lands are located; and

7 “(ii) at least one elected officer (or other
8 authorized representative) from each local gov-
9 ernment and Indian tribal government in the vi-
10 cinity of the withdrawn and reserved lands, as
11 determined by the Secretaries.

12 “(3) OPERATION.—The intergovernmental execu-
13 tive committee for a range shall operate in accord-
14 ance with the terms set forth in the memorandum
15 of understanding.

16 “(4) PROCEDURES.—The memorandum of un-
17 derstanding for a range shall establish procedures
18 for creating a forum for exchanging views, informa-
19 tion, and advice relating to the management of nat-
20 ural and cultural resources on the withdrawn and re-
21 served lands, procedures for rotating the chair of the
22 intergovernmental executive committee, and proce-
23 dures for scheduling regular meetings, which shall
24 occur no less frequently than twice a year.

1 “(5) COORDINATOR.—The Secretary of the
2 military department concerned, in consultation with
3 the Secretary of the Interior, shall appoint an indi-
4 vidual to serve as coordinator of the intergovern-
5 mental executive committee for a range. The duties
6 of the coordinator shall be included in the memo-
7 randum of understanding. The coordinator shall not
8 be a member of the committee.”.

9 (3) DETERMINATION OF CONTINUING MILITARY
10 NEED FOR WITHDRAWAL AND RESERVATION AND
11 PUBLIC REPORTS.—The Military Lands Withdrawal
12 Act of 1999 (title XXX of Public Law 106–65; 113
13 Stat. 885), as amended by paragraph (1), is further
14 amended by inserting after section 3014 the fol-
15 lowing new section:

16 **“SEC. 3015. DETERMINATION OF CONTINUING MILITARY**
17 **NEED FOR WITHDRAWAL AND RESERVATION**
18 **AND PUBLIC REPORTS.**

19 “(a) PUBLIC REPORTS.—

20 “(1) CHANGES IN LAND CONDITIONS.—(A)
21 Concurrent with each review as to operation and ef-
22 fect of an integrated natural resources management
23 plan covering lands withdrawn and reserved under
24 this title, as required by section 101(b)(2) of the
25 Sikes Act (16 U.S.C. 670a(b)(2)), the Secretary of

1 the military department concerned and the Secretary
2 of the Interior shall jointly prepare and issue a re-
3 port describing any changes in the condition of the
4 lands withdrawn and reserved under this subtitle
5 since the later of the date of any previous report
6 under this paragraph or the date of the environ-
7 mental analysis prepared to support the actions that
8 changed the condition of the lands.

9 “(B) A report under subparagraph (A) shall in-
10 clude a summary of current military use of the lands
11 covered by the plan, any changes in military use of
12 the lands since the previous report, and efforts re-
13 lated to the management of natural and cultural re-
14 sources and environmental remediation of the lands
15 during the previous five years.

16 “(2) COMBINATION WITH OTHER REPORTS.—A
17 report under this subsection may be combined with,
18 or incorporate by reference, any contemporary report
19 required by any other provision of law regarding the
20 lands covered by the integrated natural resources
21 management plan.

22 “(3) PUBLIC REVIEW AND COMMENT.—(A) Be-
23 fore the finalization of a report under this sub-
24 section, the Secretary of the military department
25 concerned and the Secretary of the Interior shall in-

1 vite interested members of the public to review and
2 comment on the report, and shall hold at least one
3 public meeting concerning the report in a location or
4 locations reasonably accessible to persons who may
5 be affected by management of the lands addressed
6 by the report.

7 “(B) Each public meeting under subparagraph
8 (A) shall be announced not less than 15 days before
9 the date of the meeting by advertisements in local
10 newspapers of general circulation, notices on the
11 internet, including the website of the affected mili-
12 tary range (if one exists), and any other means con-
13 sidered necessary or desirable by the Secretaries.

14 “(4) DISTRIBUTION OF REPORT.—The Sec-
15 retary of the military department concerned shall
16 make the final version of a report under this sub-
17 section available to the public and shall submit the
18 final version of such a report to the Committees on
19 Armed Services and Energy and Natural Resources
20 of the Senate and the Committees on Armed Serv-
21 ices and Natural Resources of the House of Rep-
22 resentatives.

23 “(b) DETERMINATION OF CONTINUING MILITARY
24 NEED.—With each report prepared pursuant to sub-
25 section (a), the Secretary of the military department con-

1 cerned shall attach the Secretary's determination regard-
2 ing whether there will be a continuing military need for
3 any or all of the withdrawn and reserved lands for the
4 following 5 years.”.

5 (4) CLERICAL AMENDMENTS.—The table of
6 contents of the Military Lands Withdrawal Act of
7 1999 (title XXX of Public Law 106-65; 113 Stat.
8 885) is amended—

9 (A) by amending the item relating to sec-
10 tion 3015 to read as follows:

“Sec. 3015. Determination of continuing military need for withdrawal and res-
ervation and public reports.”; and

11 (B) by amending the item relating to sec-
12 tion 3016 to read as follows:

“Sec. 3016. Relinquishment.”.

13 (e) BARRY M. GOLDWATER RANGE.—

14 (1) ELIMINATION OF TERMINATION DATE AND
15 CONFORMING AMENDMENTS.—Section 3031 of the
16 Military Lands Withdrawal Act of 1999 (title XXX
17 of Public Law 106-65; 113 Stat. 897) is amended—

18 (A) in subsection (c)—

19 (i) in paragraph (1), by striking “, in-
20 cluding the duration of any renewal or ex-
21 tension”;

22 (ii) in paragraph (2)—

- 1 (I) in the paragraph heading, by
2 striking “OR TERMINATION”; and
- 3 (II) in subparagraph (C), by
4 striking the last sentence; and
- 5 (iii) in paragraph (3)(A), by striking
6 “or termination”; and
- 7 (B) in subsection (d), by striking “DURA-
8 TION” and all that follows through “of the ter-
9 mination” and inserting “EFFECT OF RELIN-
10 QUISHMENT ON OPERATION OF GENERAL
11 LAND LAWS.—On the date of relinquishment”;
- 12 (C) by striking subsection (e); and
- 13 (D) in subsection (f)—
- 14 (i) in the subsection heading, by strik-
15 ing “TERMINATION AND”;
- 16 (ii) in paragraph (1), by striking “but
17 not later than three years before the termi-
18 nation of the withdrawal and reservation,”;
- 19 (iii) in paragraph (3), by striking “be-
20 fore the termination date of the withdrawal
21 and reservation of such lands under this
22 section”; and
- 23 (iv) in paragraph (4)(A), by striking
24 “Notwithstanding the termination date,
25 unless” and inserting “Unless”.

1 (2) DETERMINATIONS OF CONTINUING MILI-
2 TARY NEED FOR WITHDRAWAL AND RESERVA-
3 TION.—Section 3031 of the Military Lands With-
4 drawal Act of 1999 (title XXX of Public Law 106–
5 65; 113 Stat. 897), as amended by paragraph (1),
6 is further amended by inserting after subsection (d)
7 the following new subsection:

8 “(e) DETERMINATION OF CONTINUING MILITARY
9 NEED.—With each report prepared pursuant to sub-
10 section (b)(5), the Secretary of the Navy and the Sec-
11 retary of the Air Force shall attach the Secretary’s deter-
12 mination regarding whether there will be a continuing
13 military need for any or all the withdrawn and reserved
14 lands for the following 5 years.”.

15 (3) USE OF DEFINITIONS.—Section 3031(c)(5)
16 of the Military Lands Withdrawal Act of 1999 (title
17 XXX of Public Law 106–65; 113 Stat. 907) is
18 amended by striking subparagraphs (A) and (B) and
19 inserting the following:

20 “(A) The term ‘military munitions’ has the
21 meaning given that term in section 101(e)(4) of
22 title 10, United States Code.

23 “(B) The term ‘unexploded ordnance’ has
24 the meaning given that term in section
25 101(e)(5) of such title.”.

1 (f) NATIONAL TRAINING CENTER.—

2 (1) ELIMINATION OF TERMINATION DATE AND
3 CONFORMING AMENDMENTS.—The Fort Irwin Mili-
4 tary Land Withdrawal Act of 2001 (title XXIX of
5 Public Law 107–107; 115 Stat. 1335) is amended—

6 (A) in section 2910, by striking the section
7 heading and all that follows through “At the
8 time of the termination” and inserting the fol-
9 lowing:

10 **“SEC. 2910. EFFECT OF RELINQUISHMENT ON OPERATION**
11 **OF GENERAL LAND LAWS.**

12 “On the date of relinquishment”;

13 (B) by striking section 2911; and

14 (C) in section 2912—

15 (i) in the section heading, by striking
16 **“Termination and”**;

17 (ii) in subsection (a), by striking
18 “During the first 22 years of the with-
19 drawal and reservation made by this title,
20 if” and inserting “If”;

21 (iii) in subsection (c), by striking “be-
22 fore the termination date of the withdrawal
23 and reservation”; and

24 (iv) in subsection (d), by striking
25 “Notwithstanding the termination date

1 specified in section 2910, unless” and in-
2 serting “Unless”.

3 (2) DETERMINATION OF CONTINUING MILITARY
4 NEED FOR WITHDRAWAL AND RESERVATION AND
5 PUBLIC REPORTS.—The Fort Irwin Military Land
6 Withdrawal Act of 2001 (title XXIX of Public Law
7 107–107; 115 Stat. 1335) is further amended by in-
8 serting after section 2910 the following new section:

9 **“SEC. 2911. DETERMINATION OF CONTINUING MILITARY**
10 **NEED FOR WITHDRAWAL AND RESERVATION**
11 **AND PUBLIC REPORTS.**

12 “(a) PUBLIC REPORTS.—

13 “(1) CHANGES IN LAND CONDITIONS.—(A)
14 Concurrent with each review as to operation and ef-
15 fect of an integrated natural resources management
16 plan covering lands withdrawn and reserved under
17 this title, as required by section 101(b)(2) of the
18 Sikes Act (16 U.S.C. 670a(b)(2)), the Secretary of
19 the Army and the Secretary of the Interior shall
20 jointly prepare and issue a report describing any
21 changes in the condition of the lands withdrawn and
22 reserved under this title since the later of the date
23 of any previous report under this paragraph or the
24 date of the environmental analysis prepared to sup-

1 port the actions that changed the condition of the
2 lands.

3 “(B) A report under subparagraph (A) shall in-
4 clude a summary of current military use of the lands
5 withdrawn and reserved by this title, any changes in
6 military use of the lands since the previous report,
7 and efforts related to the management of natural
8 and cultural resources and environmental remedi-
9 ation of the lands during the previous five years.

10 “(2) COMBINATION WITH OTHER REPORTS.—A
11 report under this subsection may be combined with,
12 or incorporate by reference, any contemporary report
13 required by any other provision of law regarding the
14 lands withdrawn and reserved by this title.

15 “(3) PUBLIC REVIEW AND COMMENT.—(A) Be-
16 fore the finalization of a report under this sub-
17 section, the Secretary of the Army and the Secretary
18 of the Interior shall invite interested members of the
19 public to review and comment on the report, and
20 shall hold at least one public meeting concerning the
21 report in a location or locations reasonably accessible
22 to persons who may be affected by management of
23 the lands withdrawn and reserved by this title.

24 “(B) Each public meeting under subparagraph
25 (A) shall be announced not less than 15 days before

1 the date of the meeting by advertisements in local
2 newspapers of general circulation, notices on the
3 internet, including the website of National Training
4 Center, and any other means considered necessary
5 or desirable by the Secretaries.

6 “(4) DISTRIBUTION OF REPORT.—The Sec-
7 retary of the Army shall make the final version of
8 a report under this subsection available to the public
9 and shall submit the final version of such a report
10 to the Committees on Armed Services and Energy
11 and Natural Resources of the Senate and the Com-
12 mittees on Armed Services and Natural Resources of
13 the House of Representatives.

14 “(b) PERIODIC DETERMINATION OF CONTINUING
15 NEED.—With each report prepared pursuant to sub-
16 section (a), the Secretary of the Army shall attach the Sec-
17 retary’s determination regarding whether there will be a
18 continuing military need for any or all of the withdrawn
19 and reserved lands for the following 5 years.”.

20 (3) ESTABLISHMENT OF INTERGOVERNMENTAL
21 EXECUTIVE COMMITTEE.—The Fort Irwin Military
22 Land Withdrawal Act of 2001 (title XXIX of Public
23 Law 107–107; 115 Stat. 1335) is amended by add-
24 ing at the end the following new section:

1 **“SEC. 2914. INTERGOVERNMENTAL EXECUTIVE COM-**
2 **MITTEE.**

3 “(a) ESTABLISHMENT AND PURPOSE.—The Sec-
4 retary of the Army and the Secretary of the Interior shall
5 establish, by memorandum of understanding, an intergov-
6 ernmental executive committee for the sole purpose of ex-
7 changing views, information, and advice relating to the
8 management of the natural and cultural resources of the
9 lands withdrawn and reserved by this title.

10 “(b) COMPOSITION.—

11 “(1) REPRESENTATIVES OF OTHER FEDERAL
12 AGENCIES.—The Secretary of the Army and the Sec-
13 retary of the Interior shall include representatives
14 from interested Federal agencies as members of the
15 intergovernmental executive committee.

16 “(2) REPRESENTATIVES OF STATE AND LOCAL
17 GOVERNMENTS.—The Secretary of the Army and
18 the Secretary of the Interior shall invite to serve as
19 members of the intergovernmental executive com-
20 mittee—

21 “(A) at least one elected officer (or other
22 authorized representative) from the government
23 of the State of California; and

24 “(B) at least one elected officer (or other
25 authorized representative) from each local gov-
26 ernment and Indian tribal government in the vi-

1 cinity of the withdrawn and reserved lands, as
2 determined by the Secretaries.

3 “(c) OPERATION.—The intergovernmental executive
4 committee shall operate in accordance with the terms set
5 forth in the memorandum of understanding under sub-
6 section (a).

7 “(d) PROCEDURES.—The memorandum of under-
8 standing under subsection (a) shall establish procedures
9 for creating a forum for exchanging views, information,
10 and advice relating to the management of natural and cul-
11 tural resources on the lands withdrawn and reserved by
12 this title, procedures for rotating the chair of the intergov-
13 ernmental executive committee, and procedures for sched-
14 uling regular meetings, which shall occur no less fre-
15 quently than twice a year.

16 “(e) COORDINATOR.—The Secretary of the Army, in
17 consultation with the Secretary of the Interior, shall ap-
18 point an individual to serve as coordinator of the intergov-
19 ernmental executive committee. The duties of the coordi-
20 nator shall be included in the memorandum of under-
21 standing under subsection (a). The coordinator shall not
22 be a member of the committee.”.

23 (4) CLERICAL AMENDMENTS.—The table of
24 contents of the Fort Irwin Military Land With-

1 drawal Act of 2001 (title XXIX of Public Law 107-
2 107; 115 Stat. 1335) is amended—

3 (A) by amending the item relating to sec-
4 tion 2910 to read as follows:

“Sec. 2910. Effect of relinquishment on operation of general land laws.”;

5 (B) by amending the item relating to sec-
6 tion 2911 to read as follows:

“Sec. 2911. Determination of continuing military need for withdrawal and res-
ervation and public reports.”;

7 (C) by amending the item relating to sec-
8 tion 2912 to read as follows:

“Sec. 2912. Relinquishment.”; and

9 (D) by inserting after the item relating to
10 section 2913 the following new item:

“Sec. 2914. Intergovernmental executive committee.”.

11 (g) RANGES COVERED BY MILITARY LAND WITH-
12 DRAWALS ACT OF 2013.—

13 (1) ELIMINATION OF TERMINATION DATE AND
14 CONFORMING AMENDMENTS.—The Military Land
15 Withdrawals Act of 2013 (title XXIX of Public Law
16 113–66; 127 Stat. 1025) is amended—

17 (A) by striking sections 2919, 2920; 2936,
18 2946, and 2979;

19 (B) in section 2921, by striking “On the
20 termination of” and inserting “On the relin-
21 quishment of”; and

22 (C) in section 2922(d)(3)—

1 (i) in the paragraph heading, by strik-
2 ing “ON TERMINATION” and inserting
3 “UPON RELINQUISHMENT”; and

4 (ii) by striking “or if at the expiration
5 of the withdrawal and reservation,”.

6 (2) ESTABLISHMENT OF INTERGOVERNMENTAL
7 EXECUTIVE COMMITTEE.—The Military Land With-
8 draws Act of 2013 (title XXIX of Public Law
9 113–66; 127 Stat. 1025) is further amended by in-
10 sserting after section 2918 the following new section:

11 **“SEC. 2919. INTERGOVERNMENTAL EXECUTIVE COM-
12 MITTEE.**

13 “(a) ESTABLISHMENT AND PURPOSE.—For the lands
14 withdrawn and reserved by sections 2941 and 2971, the
15 Secretary concerned and the Secretary of the Interior shall
16 establish, by memorandum of understanding, an intergov-
17 ernmental executive committee for each location for the
18 sole purpose of exchanging views, information, and advice
19 relating to the management of the natural and cultural
20 resources of the withdrawn and reserved lands.

21 “(b) COMPOSITION.—

22 “(1) REPRESENTATIVES OF OTHER FEDERAL
23 AGENCIES.—The Secretary concerned and the Sec-
24 retary of the Interior shall include representatives
25 from interested Federal agencies as members of the

1 intergovernmental executive committee for a location
2 covered by subsection (a).

3 “(2) REPRESENTATIVES OF STATE AND LOCAL
4 GOVERNMENTS.—The Secretary concerned and the
5 Secretary of the Interior shall invite to serve as
6 members of the intergovernmental executive com-
7 mittee for a location covered by subsection (a)—

8 “(A) at least one elected officer (or other
9 authorized representative) from the government
10 of the State in which the withdrawn and re-
11 served lands are located; and

12 “(B) at least one elected officer (or other
13 authorized representative) from each local gov-
14 ernment and Indian tribal government in the vi-
15 cinity of the withdrawn and reserved lands, as
16 determined by the Secretaries.

17 “(c) OPERATION.—The intergovernmental executive
18 committee for a location covered by subsection (a) shall
19 operate in accordance with the terms set forth in the
20 memorandum of understanding under subsection (a).

21 “(d) PROCEDURES.—The memorandum of under-
22 standing under subsection (a) shall establish procedures
23 for creating a forum for exchanging views, information,
24 and advice relating to the management of natural and cul-
25 tural resources on the withdrawn and reserved lands, pro-

1 cedures for rotating the chair of the intergovernmental ex-
2 ecutive committee, and procedures for scheduling regular
3 meetings, which shall occur no less frequently than twice
4 a year.

5 “(e) COORDINATOR.—The Secretary concerned, in
6 consultation with the Secretary of the Interior, shall ap-
7 point an individual to serve as coordinator of the intergov-
8 ernmental executive committee for a location covered by
9 subsection (a). The duties of the coordinator shall be in-
10 cluded in the memorandum of understanding under sub-
11 section (a). The coordinator shall not be a member of the
12 committee.”

13 (3) DETERMINATION OF CONTINUING MILITARY
14 NEED FOR WITHDRAWAL AND RESERVATION AND
15 PUBLIC REPORTS.—The Military Land Withdrawals
16 Act of 2013 (title XXIX of Public Law 113–66; 127
17 Stat. 1025) is further amended by inserting after
18 section 2919, as added by paragraph (2), the fol-
19 lowing new section:

20 **“SEC. 2920. DETERMINATION OF CONTINUING MILITARY**
21 **NEED FOR WITHDRAWAL AND RESERVATION**
22 **AND PUBLIC REPORTS.**

23 “(a) PUBLIC REPORTS.—

24 “(1) CHANGES IN LAND CONDITIONS.—(A)
25 Concurrent with each review as to operation and ef-

1 fect of an integrated natural resources management
2 plan covering lands withdrawn and reserved under
3 this title, as required by section 101(b)(2) of the
4 Sikes Act (16 U.S.C. 670a(b)(2)), the Secretary of
5 the military department concerned and the Secretary
6 of the Interior shall jointly prepare and issue a re-
7 port describing any changes in the condition of the
8 lands covered by the plan since the later of the date
9 of any previous report under this paragraph or the
10 date of the environmental analysis prepared to sup-
11 port the actions that changed the condition of the
12 lands.

13 “(B) A report under subparagraph (A) shall in-
14 clude a summary of current military use of the lands
15 covered by the plan, any changes in military use of
16 the lands since the previous report, and efforts re-
17 lated to the management of natural and cultural re-
18 sources and environmental remediation of the lands
19 during the previous five years.

20 “(2) COMBINATION WITH OTHER REPORTS.—A
21 report under this subsection may be combined with,
22 or incorporate by reference, any contemporary report
23 required by any other provision of law regarding the
24 lands addressed by the report.

1 “(3) PUBLIC REVIEW AND COMMENT.—(A) Be-
2 fore the finalization of a report under this sub-
3 section, the Secretary of the military department
4 concerned and the Secretary of the Interior shall in-
5 vite interested members of the public to review and
6 comment on the report, and shall hold at least one
7 public meeting concerning the report in a location or
8 locations reasonably accessible to persons who may
9 be affected by management of the lands addressed
10 by the report.

11 “(B) Each public meeting under subparagraph
12 (A) shall be announced not less than 15 days before
13 the date of the meeting by advertisements in local
14 newspapers of general circulation, notices on the
15 internet, including the website of the affected mili-
16 tary range (if one exists), and any other means con-
17 sidered necessary or desirable by the Secretaries.

18 “(4) DISTRIBUTION OF REPORT.—The Sec-
19 retary of the military department concerned shall
20 make the final version of a report under this sub-
21 section available to the public and shall submit the
22 final version of such a report to the Committees on
23 Armed Services and Energy and Natural Resources
24 of the Senate and the Committees on Armed Serv-

1 ices and Natural Resources of the House of Rep-
2 resentatives.

3 “(b) DETERMINATION OF CONTINUING MILITARY
4 NEED.—With each report prepared pursuant to sub-
5 section (a), the Secretary of the military department con-
6 cerned shall attach the Secretary’s determination regard-
7 ing whether there will be a continuing military need for
8 any or all of the withdrawn and reserved lands for the
9 following 5 years.”.

10 (4) CLERICAL AMENDMENTS.—The table of
11 contents of the Military Land Withdrawals Act of
12 2013 (title XXIX of Public Law 113-66; 127 Stat.
13 1025) is amended—

14 (A) by striking the item relating to section
15 2919 and inserting the following new item:

“Sec. 2919. Intergovernmental executive committee.”;

16 (B) by striking the item relating to section
17 2920 and inserting the following new item:

“Sec. 2920. Determination of continuing military need for withdrawal and res-
ervation and public reports.”; and

18 (C) by striking the items relating to sec-
19 tion 2936, 2946, and 2979.

20 (h) REQUESTS FOR WITHDRAWALS MADE TO SEC-
21 RETARY OF THE INTERIOR; TEMPORARY USE PERMITS
22 AND TRANSFERS OF SMALL PARCELS OF LAND BETWEEN

1 DEPARTMENTS OF INTERIOR AND MILITARY DEPART-
2 MENTS; MORE EFFICIENT SURVEYING OF LANDS.—

3 (1) REQUIRING REQUESTS FOR WITHDRAWALS
4 TO BE MADE TO SECRETARY OF THE INTERIOR.—
5 Section 3 of the Act of February 28, 1958 (Public
6 Law 85–337; 43 U.S.C. 157), is amended—

7 (A) by striking “Any application” and in-
8 serting “(a) CONTENTS OF APPLICATION.—Any
9 application”; and

10 (B) by striking “shall specify” and insert-
11 ing “shall be filed with the Secretary of the In-
12 terior and shall specify”.

13 (2) AUTHORIZATION OF ADDITIONAL ARRANGE-
14 MENTS FOR USE AND TRANSFER OF LANDS UNDER
15 JURISDICTION OF SECRETARY OF THE INTERIOR.—
16 Such Act (43 U.S.C. 155 et seq.) is further amended
17 by adding at the end the following new sections:

18 **“SEC. 7. SHORT-TERM PERMITS FOR USE OF DEPARTMENT**
19 **OF INTERIOR LANDS FOR MILITARY TRAIN-**
20 **ING AND TESTING.**

21 “(a) AUTHORITY.—In addition to any other authority
22 to grant permits for the use of land, the Secretary of the
23 Interior may grant a permit to the Secretary of Defense
24 to use land under the administrative jurisdiction of the
25 Secretary of the Interior. Any such permit—

1 “(1) shall be issued consistent with section
2 2691 of title 10, United States Code;

3 “(2) shall allow the Department of Defense to
4 use the land only for purposes of training and test-
5 ing that are consistent with the purposes for which
6 the Secretary of the Interior manages the land; and

7 “(3) may contain such other requirements as
8 the Secretary of the Interior considers appropriate.

9 “(b) DURATION OF PERMIT.—A permit granted
10 under this section shall be in effect for such period as the
11 Secretary of the Interior may provide, except that such
12 period may not exceed 30 days.

13 **“SEC. 8. TRANSFERS OF SMALL PARCELS OF LAND BE-**
14 **TWEEN THE DEPARTMENTS OF DEFENSE AND**
15 **INTERIOR.**

16 “(a) TRANSFER AUTHORIZED.—Subject to any valid
17 existing rights, upon mutual agreement, and without cost
18 for the value of the land or any improvements thereon—

19 “(1) the Secretary of the Interior may transfer
20 administrative jurisdiction over land that meets the
21 requirements of subsection (b) to the Secretary of a
22 military department; and

23 “(2) the Secretary of a military department
24 may transfer administrative jurisdiction over land

1 that meets the requirements of subsection (b) to the
2 Secretary of the Interior.

3 “(b) REQUIREMENTS FOR LAND ELIGIBLE FOR
4 TRANSFER.—The requirements of this subsection are as
5 follows:

6 “(1) CONTIGUITY.—The land is contiguous to
7 land already under the administrative jurisdiction of
8 the Secretary to whom such jurisdiction is trans-
9 ferred.

10 “(2) LIMITATION ON ACREAGE.—No single par-
11 cel of the land is larger than 5,000 acres of contig-
12 uous area.

13 “(3) NO RECENT PRIOR TRANSFER OF CONTIG-
14 UOUS LAND.—The land is not contiguous to any
15 other land for which administrative jurisdiction has
16 been transferred under the authority of this section
17 during the previous 5 years.

18 “(4) PRIOR USE FOR DEFENSE PURPOSES.—In
19 the case of land transferred to the Department of
20 Defense, the land was used for defense purposes im-
21 mediately prior to the date of transfer.

22 “(c) MAP AND LEGAL DESCRIPTION.—

23 “(1) PREPARATION AND PUBLICATION.—The
24 Secretary of the Interior shall—

1 “(A) publish in the Federal Register a no-
2 tice containing the legal description of any land
3 transferred under subsection (a);

4 “(B) file maps and legal descriptions of
5 the land with—

6 “(i) the Committees on Armed Serv-
7 ices and Energy and Natural Resources of
8 the Senate, and

9 “(ii) the Committees on Armed Serv-
10 ices and Natural Resources of the House
11 of Representatives; and

12 “(C) make copies of such maps and legal
13 descriptions available for public inspection in
14 the appropriate offices of the Bureau of Land
15 Management.

16 “(2) FORCE OF LAW.—For purposes of any
17 transfer of administrative jurisdiction over land
18 under this section, the legal description and map for
19 the land shall be the legal description of the land
20 filed under paragraph (1)(B), except that the Sec-
21 retary of the Interior may correct clerical and typo-
22 graphical errors in the legal description or map.

23 “(3) COSTS.—The Secretary of the military de-
24 partment to whom administrative jurisdiction over
25 land is transferred under subsection (a)(1) shall re-

1 imburse the Secretary of the Interior for the costs
2 incurred by the Secretary of the Interior in imple-
3 menting this subsection with respect to such land.

4 “(d) TREATMENT AND USE OF LAND TRANSFERRED
5 TO THE SECRETARY OF A MILITARY DEPARTMENT.—

6 Upon a transfer of administrative jurisdiction over land
7 to the Secretary of a military department under subsection
8 (a)(1)—

9 “(1) the land shall be treated as property (as
10 defined in section 102(9) of title 40, United States
11 Code) under the administrative jurisdiction of the
12 Secretary of the military department; and

13 “(2) for as long as the land is under the admin-
14 istrative jurisdiction of a Secretary of a military de-
15 partment, the land shall be withdrawn from—

16 “(A) all forms of entry, appropriation, or
17 disposition under the public land laws,

18 “(B) location, entry, and patent under the
19 mining laws,

20 “(C) disposition under all laws relating to
21 mineral materials and all laws relating to min-
22 eral and geothermal leasing.

23 “(e) TREATMENT AND USE OF LAND TRANSFERRED
24 TO THE SECRETARY OF THE INTERIOR.—Upon a transfer

1 of administrative jurisdiction over land to the Secretary
2 of the Interior under subsection (a)(2)—

3 “(1) the land shall become public land; and

4 “(2) the land shall be administered for the
5 same purposes and be subject to the same conditions
6 of use as the adjacent public land.

7 “(f) EFFECT ON OTHER AUTHORITIES.—The au-
8 thority provided by this section is in addition to, and not
9 subject to, any other authority relating to transfers of
10 land.”.

11 (3) SHORT TITLE.—The first section of such
12 Act (43 U.S.C. 155) is amended—

13 (A) by striking “That, notwithstanding”
14 and inserting “SECTION 1. (a) WITHDRAWAL,
15 RESERVATION, OR RESTRICTION OF PUBLIC
16 LANDS FOR DEFENSE PURPOSES.—Notwith-
17 standing”; and

18 (B) by adding at the end the following new
19 subsection:

20 “(b) SHORT TITLE.—This Act may be cited as the
21 ‘Engle Act’.”.

22 (4) PROMOTING MORE EFFICIENT SURVEYING
23 OF LANDS.—In fixing the original corner position in
24 an official survey of unsurveyed land, when applica-
25 ble and feasible, Cadastral Survey may, instead of

1 using physical monuments, use geographic coordi-
2 nates correlated to the National Spatial Reference
3 System geodetic datum, in accordance with the Man-
4 ual of Surveying Instructions.

5 (i) EFFECT ON NEW LAND WITHDRAWALS AND RES-
6 ERVATIONS.—Nothing in this section or the amendments
7 made by this section shall be construed as changing the
8 requirements imposed on the Department of Defense to
9 obtain a new or expanded land withdrawal and reserva-
10 tion.

1 **Subtitle A—National Security**
2 **Programs and Authorizations**

3 **SEC. 3101.[Log 66800] NATIONAL NUCLEAR SECURITY AD-**
4 **MINISTRATION.**

5 (a) AUTHORIZATION OF APPROPRIATIONS.—Funds
6 are hereby authorized to be appropriated to the Depart-
7 ment of Energy for fiscal year 2019 for the activities of
8 the National Nuclear Security Administration in carrying
9 out programs as specified in the funding table in division
10 D.

11 (b) AUTHORIZATION OF NEW PLANT PROJECTS.—
12 From funds referred to in subsection (a) that are available
13 for carrying out plant projects, the Secretary of Energy
14 may carry out new plant projects for the National Nuclear
15 Security Administration as follows:

16 Project 19–D–660, Lithium Production Capa-
17 bility, Y–12 National Security Complex, Oak Ridge,
18 Tennessee, \$19,000,000.

19 Project 19–D–670, 138k Power Transmission
20 System Replacement, Nevada National Security Site,
21 Mercury, Nevada, \$6,000,000.

22 Project 19–D–930, KS Overhead Piping, Kes-
23 selring Site, West Milton, New York, \$10,994,000.

1 **SEC. 3102.[Log 66801] DEFENSE ENVIRONMENTAL CLEAN-**
2 **UP.**

3 Funds are hereby authorized to be appropriated to
4 the Department of Energy for fiscal year 2019 for defense
5 environmental cleanup activities in carrying out programs
6 as specified in the funding table in division D.

1 **SEC. 3103.[Log 66802] OTHER DEFENSE ACTIVITIES.**

2 Funds are hereby authorized to be appropriated to
3 the Department of Energy for fiscal year 2019 for other
4 defense activities in carrying out programs as specified in
5 the funding table in division D.

1 **SEC. 3104.[Log 66803] NUCLEAR ENERGY.**

2 Funds are hereby authorized to be appropriated to
3 the Department of Energy for fiscal year 2019 for nuclear
4 energy as specified in the funding table in division D.

1 **Subtitle B—Program Authoriza-**
2 **tions, Restrictions, and Limita-**
3 **tions**

4 **SEC. 3111.[Log 67449] SECURITY CLEARANCE FOR DUAL NA-**
5 **TIONALS EMPLOYED BY NATIONAL NUCLEAR**
6 **SECURITY AGENCY.**

7 (a) IN GENERAL.—The National Nuclear Security
8 Administration Act (50 U.S.C. 2401 et seq.) is amended
9 by inserting after section 3236 the following new section:

10 **“SEC. 3237. SECURITY CLEARANCE FOR DUAL NATIONALS.**

11 “(a) IN GENERAL.—(1) In the case of an individual
12 described in paragraph (3), the Secretary of Energy shall
13 develop a process to review foreign preference in accord-
14 ance with the adjudicative guidelines issued pursuant to
15 section 710.7 of title 10, Code of Federal Regulations, or
16 such successor regulation, before approving a security
17 clearance for such individual.

18 “(2) The Secretary shall designate an official of the
19 Administration to be responsible for adjudicating any de-
20 rogatory information of an individual described in para-
21 graph (3) concerning foreign preference that is discovered
22 after the security clearance of the individual is approved.

23 “(3) An individual described in this paragraph is an
24 individual who is—

1 “(A) a national of the United States (as such
2 term is defined in section 101 of the Immigration
3 and Nationality Act (8 U.S.C. 1101)) and also a na-
4 tional of a foreign state; and

5 “(B) an employee or contractor of the Adminis-
6 tration who requires access to classified information.

7 “(b) WAIVER.—In the case of an individual who is
8 a national of the United States and also a national of a
9 foreign state identified under section 1564b(b)(2) of title
10 10, United States Code, the Secretary may waive the re-
11 quirement under subsection (a).”.

12 (b) CLERICAL AMENDMENT.—The table of contents
13 at the beginning of such Act is amended by inserting after
14 the item relating to section 3236 the following new item:
“Sec. 3237. Security clearance for dual nationals.”.

15 (c) BRIEFING.—

16 (1) IN GENERAL.—Not later than 180 days
17 after the date of the enactment of this Act, the Sec-
18 retary of Energy shall provide to the Committees on
19 Armed Services of the House of Representatives and
20 the Senate, and to any other appropriate congres-
21 sional committee upon request, a briefing on—

22 (A) the process developed under paragraph
23 (1) of section 3237(a) of the National Nuclear
24 Security Administration Act, as added by sub-
25 section (a); and

1 (B) the official designated under para-
2 graph (2) of such section 3237(a).

3 (2) APPROPRIATE CONGRESSIONAL COMMIT-
4 TEES DEFINED.—In this subsection, the term “ap-
5 propriate congressional committees” means the fol-
6 lowing:

7 (A) The Committees on Armed Services of
8 the House of Representatives and the Senate.

9 (B) The Committee on Energy and Com-
10 merce and the Permanent Select Committee on
11 Intelligence of the House of Representatives.

12 (C) The Committee on Energy and Nat-
13 ural Resources and the Select Committee on In-
14 telligence of the Senate.

1 **SEC. 3112.[Log 67446] DEPARTMENT OF ENERGY COUNTER-**
2 **INTELLIGENCE POLYGRAPH PROGRAM.**

3 Section 4504(b) of the Atomic Energy Defense Act
4 (50 U.S.C. 2654(b)) is amended by adding at the end the
5 following new paragraph:

6 “(4) The regulations prescribed under paragraph (1)
7 shall ensure that the persons subject to the counterintel-
8 ligence polygraph program required by subsection (a) in-
9 clude any person who is—

10 “(A) a national of the United States (as such
11 term is defined in section 101 of the Immigration
12 and Nationality Act (8 U.S.C. 1101)) and also a na-
13 tional of a foreign state; and

14 “(B) an employee or contractor who requires
15 access to classified information.”.

1 **SEC. 3113.[Log 67480] EXTENSION OF ENHANCED PROCURE-**
2 **MENT AUTHORITY TO MANAGE SUPPLY**
3 **CHAIN RISK.**

4 (a) **EXTENSION.**—Subsection (g) of section 4806 of
5 the Atomic Energy Defense Act (50 U.S.C. 2786) is
6 amended to read as follows:

7 “(g) **TERMINATION.**—The authority under this sec-
8 tion shall terminate on June 30, 2023.”.

9 (b) **TECHNICAL AMENDMENT.**—Subsection (f)(5)(A)
10 of such section is amended by striking “section 3542(b)
11 of title 44” and inserting “section 3552(b) of title 44”.

1 **SEC. 3114.[Log 67183] LOW-YIELD NUCLEAR WEAPONS.**

2 (a) REPEAL OF PROHIBITION.—Section 3116 of the
3 National Defense Authorization Act for Fiscal Year 2004
4 (Public Law 108–136; 50 U.S.C. 2529 note) is amended
5 by striking subsection (c).

6 (b) AUTHORIZATION.—The Secretary of Energy, act-
7 ing through the Administrator for Nuclear Security, may
8 carry out the engineering development phase, and any sub-
9 sequent phase, to modify or develop a low-yield nuclear
10 warhead for submarine-launched ballistic missiles.

1 **SEC. 3115.[Log 67182] USE OF FUNDS FOR CONSTRUCTION**
2 **AND PROJECT SUPPORT ACTIVITIES RELAT-**
3 **ING TO MOX FACILITY.**

4 (a) IN GENERAL.—Except as provided by subsection
5 (b), the Secretary of Energy shall carry out construction
6 and project support activities relating to the MOX facility
7 using funds authorized to be appropriated by this Act or
8 otherwise made available for fiscal year 2019 for the Na-
9 tional Nuclear Security Administration for the MOX facil-
10 ity.

11 (b) WAIVER.—The Secretary may waive the require-
12 ment under subsection (a) if the Secretary submits to the
13 congressional defense committees the matters specified in
14 section 3121(b)(1) of the National Defense Authorization
15 Act for Fiscal Year 2018 (Public Law 115–91; 131 Stat.
16 1892).

17 (c) DEFINITIONS.—In this section:

18 (1) The term “MOX facility” means the mixed-
19 oxide fuel fabrication facility at the Savannah River
20 Site, Aiken, South Carolina.

21 (2) The term “project support activities” means
22 activities that support the design, long-lead equip-
23 ment procurement, and site preparation of the MOX
24 facility.

1 **SEC. 3117.[Log 67180] PROHIBITION ON AVAILABILITY OF**
2 **FUNDS FOR RESEARCH AND DEVELOPMENT**
3 **OF ADVANCED NAVAL NUCLEAR FUEL SYS-**
4 **TEM BASED ON LOW-ENRICHED URANIUM.**

5 (a) PROHIBITION.—Except as provided by subsection
6 (b), none of the funds authorized to be appropriated by
7 this Act or otherwise made available for fiscal year 2019
8 for the Department of Energy or the Department of De-
9 fense may be obligated or expended to plan or carry out
10 research and development of an advanced naval nuclear
11 fuel system based on low-enriched uranium.

12 (b) EXCEPTION.—In accordance with section 7319 of
13 title 10, United States Code, of the funds authorized to
14 be appropriated by this Act or otherwise made available
15 for fiscal year 2019 for defense nuclear nonproliferation,
16 as specified in the funding table in division D,
17 \$10,000,000 shall be made available to the Deputy Ad-
18 ministrator for Naval Reactors of the National Nuclear
19 Security Administration for low-enriched uranium activi-
20 ties (including downblending of high-enriched uranium
21 fuel into low-enriched uranium fuel, research and develop-
22 ment using low-enriched uranium fuel, or the modification
23 or procurement of equipment and infrastructure related
24 to such activities) to develop an advanced naval nuclear
25 fuel system based on low-enriched uranium.

1 **Subtitle C—Reports**
2 **SEC. 3121.[Log 67861] NOTIFICATION REGARDING RELEASE**
3 **OF CONTAMINATION AT HANFORD SITE.**

4 (a) IN GENERAL.—Subtitle C of title XLIV of the
5 Atomic Energy Defense Act (50 U.S.C. 2621 et seq.) is
6 amended by adding at the end the following new section:

7 **“SEC. 4447. NOTIFICATION REGARDING RELEASE OF CON-**
8 **TAMINATION.**

9 “If the Assistant Secretary of Energy for Environ-
10 mental Management detects an improper release of con-
11 tamination resulting from defense waste at the Hanford
12 Nuclear Reservation, Richland, Washington, the Assistant
13 Secretary shall—

14 “(1) not later than two days after the date of
15 such detection, notify the congressional defense com-
16 mittees of such release of contamination; and

17 “(2) not later than seven days after the date of
18 such detection, provide the congressional defense
19 committees a briefing on the status of such release
20 of contamination, including—

21 “(A) the cause of the release, if known;
22 and

23 “(B) plans to address and remediate the
24 release, including associated costs and
25 timelines.”.

1 (b) CLERICAL AMENDMENT.—The table of contents
2 at the beginning of such Act is amended by inserting after
3 the item relating to section 4446 the following new item:
“Sec. 4447. Notification regarding release of contamination.”.

1 **Subtitle D—Other Matters**

2 **SEC. 3131.[Log 67730] INCLUSION OF CAPITAL ASSETS AC-**
3 **QUISITION PROJECTS IN ACTIVITIES BY DI-**
4 **RECTOR FOR COST ESTIMATING AND PRO-**
5 **GRAM EVALUATION.**

6 Section 3221(h)(2) of the National Nuclear Security
7 Administration Act (50 U.S.C. 2411(h)(2)) is amended—
8 (1) by striking “PROGRAM.—” and all that fol-
9 lows through “, the term” and inserting “PRO-
10 GRAM.—The term”;
11 (2) by striking subparagraph (B); and
12 (3) by redesignating clauses (i) and (ii) as sub-
13 paragraphs (A) and (B), respectively.

1 **SEC. 3132.[Log 67863] WHISTLEBLOWER PROTECTIONS.**

2 (a) FINDINGS.—Congress finds the following:

3 (1) The Department of Energy and its contrac-
4 tors rely to a significant extent on workers to bring
5 attention to important nuclear safety concerns.

6 (2) The Department of Energy, including the
7 National Nuclear Security Administration, have a
8 strong interest in preventing whistleblower retalia-
9 tion and in ensuring the work environment is condu-
10 cive to employees raising concerns.

11 (3) Retaliation against whistleblowers can lead
12 to a chilled work environment in which employees do
13 not feel free to raise important safety concerns.

14 (4) The Comptroller General of the United
15 States found in a 2016 report titled “Whistleblower
16 Protections Need Strengthening” that the Depart-
17 ment of Energy had infrequently used its enforce-
18 ment authority to hold contractors accountable for
19 unlawful retaliation, issuing only two violation no-
20 tices in the past 20 years.

21 (5) The Comptroller General also found that
22 the Department had taken limited or no action to
23 hold contractors accountable for creating a chilled
24 work environment.

25 (b) SENSE OF CONGRESS.—It is the sense of Con-
26 gress that—

1 (1) raising nuclear safety concerns is important
2 for avoiding potentially catastrophic incidents or
3 harm to workers and the public;

4 (2) the Department of Energy should protect
5 whistleblowers and take action against contractors
6 and subcontractors that retaliate against whistle-
7 blowers; and

8 (3) such action sends a strong signal to prevent
9 or limit retaliation against whistleblowers.

10 (c) CIVIL PENALTIES.—The Secretary of Energy, in-
11 cluding by acting through the Administrator for Nuclear
12 Security as appropriate, shall impose civil penalties under
13 section 234 a. of the Atomic Energy Act of 1954 (42
14 U.S.C. 2282(a)), as the Secretary or the Administrator
15 determines appropriate, on contractors, subcontractors,
16 and suppliers for violations of the rules, regulations, or
17 orders of the Department of Energy relating to nuclear
18 safety and radiation protection.

19 (d) CHILLED WORK ENVIRONMENT.—Not later than
20 120 days after the date of the enactment of this Act, the
21 Secretary shall clearly define what constitutes evidence of
22 a chilled work environment with respect to employees and
23 contractors of the Department making a whistleblower
24 complaint under section 4602 of the Atomic Energy De-
25 fense Act (50 U.S.C. 2702), or any other law that may

1 provide protection for disclosures of information by such
2 employees or contractors, without fear of being dis-
3 charged, demoted, or otherwise discriminated against as
4 a reprisal.

5 (e) NOTIFICATION.—

6 (1) IN GENERAL.—Not later than February 1,
7 2019, and each year thereafter through 2021, the
8 Secretary of Energy shall submit to the appropriate
9 congressional committees an annual notification on
10 whether any penalties were imposed pursuant to
11 subsection (c), including a description of such pen-
12 alties and the entities against which the penalties
13 were imposed.

14 (2) APPROPRIATE CONGRESSIONAL COMMIT-
15 TEES.—In this subsection, the term “appropriate
16 congressional committees” means—

17 (A) the congressional defense committees;

18 and

19 (B) the Committee on Energy and Com-
20 merce of the House of Representatives and the
21 Committee on Energy and Natural Resources of
22 the Senate.

1 **SEC. 4001. AUTHORIZATION OF AMOUNTS IN FUNDING TA-**
2 **BLES.**

3 (a) **IN GENERAL.**—Whenever a funding table in this
4 division specifies a dollar amount authorized for a project,
5 program, or activity, the obligation and expenditure of the
6 specified dollar amount for the project, program, or activ-
7 ity is hereby authorized, subject to the availability of ap-
8 propriations.

9 (b) **MERIT-BASED DECISIONS.**—A decision to com-
10 mit, obligate, or expend funds with or to a specific entity
11 on the basis of a dollar amount authorized pursuant to
12 subsection (a) shall—

13 (1) be based on merit-based selection proce-
14 dures in accordance with the requirements of sec-
15 tions 2304(k) and 2374 of title 10, United States
16 Code, or on competitive procedures; and

17 (2) comply with other applicable provisions of
18 law.

19 (c) **RELATIONSHIP TO TRANSFER AND PROGRAM-**
20 **MING AUTHORITY.**—An amount specified in the funding
21 tables in this division may be transferred or repro-
22 grammed under a transfer or reprogramming authority
23 provided by another provision of this Act or by other law.
24 The transfer or reprogramming of an amount specified in
25 such funding tables shall not count against a ceiling on
26 such transfers or reprogrammings under section 1001 or

1 section 1512 of this Act or any other provision of law,
2 unless such transfer or reprogramming would move funds
3 between appropriation accounts.

4 (d) APPLICABILITY TO CLASSIFIED ANNEX.—This
5 section applies to any classified annex that accompanies
6 this Act.

7 (e) ORAL AND WRITTEN COMMUNICATIONS.—No
8 oral or written communication concerning any amount
9 specified in the funding tables in this division shall super-
10 sede the requirements of this section.

1 **TITLE XLI—PROCUREMENT**

2 **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]
	Redignment 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
	Redignment of EDI APS Unit Set from OCO to Base		[50,868]
033	UAS MODS	17,644	21,046
	Redignment 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
	Redignment 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]
	Redignment 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
	<i>Forward financed in the FY18 Omnibus</i>		[−30,000]
012	MLRS REDUCED RANGE PRACTICE ROCKETS (RRPR)	20,964	20,964
013	HIGH MOBILITY ARTILLERY ROCKET SYSTEM (HIMARS)		171,138
	<i>Redignment of EDI APS Unit Set from OCO to Base</i>		[171,138]
	MODIFICATIONS		
015	PATRIOT MODS	313,228	333,228
	<i>Increase PATRIOT Mod efforts</i>		[20,000]
016	ATACMS MODS	221,656	236,656
	<i>Forward financed in the FY18 Omnibus</i>		[−65,000]
	<i>Redignment of EDI APS Unit Set from OCO to Base</i>		[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
	<i>Redignment of EDI APS Unit Set from OCO to Base</i>		[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
	<i>Redignment of EDI APS Unit Set from OCO to Base</i>		[205,000]
002	ARMORED MULTI PURPOSE VEHICLE (AMPV)	479,801	710,160
	<i>Redignment of EDI APS Unit Set from OCO to Base</i>		[230,359]
	MODIFICATION OF TRACKED COMBAT VEHICLES		
004	STRYKER (MOD)	287,490	138,190
	<i>Army requested realignment to WTCV-5</i>		[−149,300]
005	STRYKER UPGRADE	21,900	360,000
	<i>A1 conversions for 5th SBCT</i>		[188,800]
	<i>Army requested realignment—A1 conversions for 5th SBCT</i>		[149,300]
006	BRADLEY PROGRAM (MOD)	625,424	675,424
	<i>Redignment of EDI APS Unit Set from OCO to Base</i>		[50,000]
007	M109 FOV MODIFICATIONS	26,482	26,482
008	PALADIN INTEGRATED MANAGEMENT (PIM)	351,802	493,802
	<i>Redignment of EDI APS Unit Set from OCO to Base</i>		[67,000]
	<i>Smooth finding production profile</i>		[75,000]
009	IMPROVED RECOVERY VEHICLE (M88A2 HERCULES)	110,500	152,854
	<i>Redignment of EDI APS Unit Set from OCO to Base</i>		[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
	<i>Redignment of EDI APS Unit Set from OCO to Base</i>		[34,000]
015	ABRAMS UPGRADE PROGRAM	1,075,999	1,530,999
	<i>Redignment of EDI APS Unit Set from OCO to Base</i>		[455,000]
	WEAPONS & OTHER COMBAT VEHICLES		
018	M240 MEDIUM MACHINE GUN (7.62MM)	1,955	7,081
	<i>Program Increase—M240L and M240B</i>		[5,000]
	<i>Redignment of EDI APS Unit Set from OCO to Base</i>		[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
	<i>Redignment of EDI APS Unit Set from OCO to Base</i>		[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
	<i>Redignment of EDI APS Unit Set from OCO to Base</i>		[1,800]
026	SMALL ARMS—FIRE CONTROL	7,929	7,929
027	COMMON REMOTELY OPERATED WEAPONS STATION	35,968	39,346
	<i>Redignment of EDI APS Unit Set from OCO to Base</i>		[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
	<i>Additional free-float forward extended rails</i>		[4,200]
032	M2 50 CAL MACHINE GUN MODS	21,600	26,520
	<i>Redignment of EDI APS Unit Set from OCO to Base</i>		[4,920]
033	M249 SAW MACHINE GUN MODS	3,924	3,924
034	M240 MEDIUM MACHINE GUN MODS	6,940	6,947

SEC. 4101. PROCUREMENT <i>(In Thousands of Dollars)</i>			
Line	Item	FY 2019 Request	House Authorized
	<i>Redignment of EDI APS Unit Set from OCO to Base</i>		[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
	<i>Redignment of EDI APS Unit Set from OCO to Base</i>		[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
	<i>Redignment of EDI APS Unit Set from OCO to Base</i>		[3,392]
002	CTG, 7.62MM, ALL TYPES	86,199	86,239
	<i>Redignment of EDI APS Unit Set from OCO to Base</i>		[40]
003	CTG, HANDGUN, ALL TYPES	20,158	20,175
	<i>Redignment of EDI APS Unit Set from OCO to Base</i>		[17]
004	CTG, .50 CAL, ALL TYPES	65,573	65,762
	<i>Redignment of EDI APS Unit Set from OCO to Base</i>		[189]
005	CTG, 20MM, ALL TYPES	8,198	8,198
007	CTG, 30MM, ALL TYPES	77,995	102,995
	<i>Redignment of EDI APS Unit Set from OCO to Base</i>		[25,000]
008	CTG, 40MM, ALL TYPES	69,781	69,781
MORTAR AMMUNITION			
009	60MM MORTAR, ALL TYPES	45,280	45,498
	<i>Redignment of EDI APS Unit Set from OCO to Base</i>		[218]
010	81MM MORTAR, ALL TYPES	46,853	47,337
	<i>Redignment of EDI APS Unit Set from OCO to Base</i>		[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
	<i>Redignment of EDI APS Unit Set from OCO to Base</i>		[79,400]
015	PROJ 155MM EXTENDED RANGE M982	100,906	152,606
	<i>Redignment of EDI APS Unit Set from OCO to Base</i>		[51,700]
016	ARTILLERY PROPELLANTS, FUZES AND PRIMERS, ALL	236,677	270,577
	<i>Forward financed in the FY18 Omnibus</i>		[-15,000]
	<i>Redignment of EDI APS Unit Set from OCO to Base</i>		[48,900]
MINES			
017	MINES & CLEARING CHARGES, ALL TYPES	15,905	15,905
ROCKETS			
018	SHOULDER LAUNCHED MUNITIONS, ALL TYPES	4,503	31,745
	<i>Army UFR: bunker defeat munitions</i>		[25,000]
	<i>Redignment of EDI APS Unit Set from OCO to Base</i>		[2,242]
019	ROCKET, HYDRA 70, ALL TYPES	211,211	241,211
	<i>Army UFR: additional HYDRA rockets</i>		[30,000]
OTHER AMMUNITION			
020	CAD/PAD, ALL TYPES	10,428	10,428
021	DEMOLITION MUNITIONS, ALL TYPES	44,656	44,661
	<i>Redignment of EDI APS Unit Set from OCO to Base</i>		[5]
022	GRENADES, ALL TYPES	19,896	19,904
	<i>Redignment of EDI APS Unit Set from OCO to Base</i>		[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
	<i>Redignment of EDI APS Unit Set from OCO to Base</i>		[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	2,486,422
OTHER PROCUREMENT, ARMY			
TACTICAL VEHICLES			
001	TACTICAL TRAILERS/DOLLY SETS	16,512	16,512
002	SEMITRAILERS, FLATBED:	16,951	24,951
	<i>Redignment of EDI APS Unit Set from OCO to Base</i>		[8,000]

SEC. 4101. PROCUREMENT (In Thousands of Dollars)			
Line	Item	FY 2019 Request	House Authorized
003	AMBULANCE, 4 LITTER, 5/4 TON, 4X4	50,123	70,893
	<i>Realignment of EDI APS Unit Set from OCO to Base</i>		[20,770]
004	GROUND MOBILITY VEHICLES (GMV)	46,988	36,988
	<i>Unobligated Balances</i>		[-10,000]
005	ARNG HMMWV MODERNIZATION PROGRAM		25,000
	<i>Additional HMMWVs</i>		[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
	<i>Realignment of EDI APS Unit Set from OCO to Base</i>		[115,400]
012	HVY EXPANDED MOBILE TACTICAL TRUCK EXT SERV	31,892	38,574
	<i>Realignment of EDI APS Unit Set from OCO to Base</i>		[6,682]
013	TACTICAL WHEELED VEHICLE PROTECTION KITS	38,128	88,128
	<i>Realignment of EDI APS Unit Set from OCO to Base</i>		[50,000]
014	MODIFICATION OF IN SVC EQUIP	78,507	78,884
	<i>Realignment of EDI APS Unit Set from OCO to Base</i>		[377]
015	MINE-RESISTANT AMBUSH-PROTECTED (MRAP) MODS		27,000
	<i>SFAB emerging requirements</i>		[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
	<i>Additional TCN-L, NOSCL, and next generation embedded kits for IBCTs and SBCTs.</i>		[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
	<i>Realignment of EDI APS Unit Set from OCO to Base</i>		[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
	<i>Army UPR: program increase</i>		[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	213,835
	<i>Realignment of EDI APS Unit Set from OCO to Base</i>		[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
	<i>Realignment of EDI APS Unit Set from OCO to Base</i>		[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
	<i>Realignment of EDI APS Unit Set from OCO to Base</i>		[9,050]
	ELECT EQUIP—TACT INT REL ACT (TIARA)		
066	JTT/CIBS-M (MIP)	10,268	10,268
068	DCGS-A (MIP)	261,863	261,863
069	JOINT TACTICAL GROUND STATION (JTAGS) (MIP)	5,434	5,434

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2019 Request	House Authorized
070	TROJAN (MIP)	20,623	21,223
	<i>Redignment of EDI APS Unit Set from OCO to Base</i>		[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
	<i>Redignment of EDI APS Unit Set from OCO to Base</i>		[86]
086	LONG RANGE ADVANCED SCOUT SURVEILLANCE SYSTEM		2,861
	<i>Redignment of EDI APS Unit Set from OCO to Base</i>		[2,861]
087	SMALL TACTICAL OPTICAL RIFLE MOUNTED MLRF	22,882	22,882
088	RADIATION MONITORING SYSTEMS	17,393	17,404
	<i>Redignment of EDI APS Unit Set from OCO to Base</i>		[11]
090	INDIRECT FIRE PROTECTION FAMILY OF SYSTEMS	46,740	47,002
	<i>Redignment of EDI APS Unit Set from OCO to Base</i>		[262]
091	FAMILY OF WEAPON SIGHTS (FWS)	140,737	131,962
	<i>Redignment of EDI APS Unit Set from OCO to Base</i>		[525]
	Unexecutable funds		[-9,300]
093	PROFILER	171	171
094	JOINT BATTLE COMMAND—PLATFORM (JBC-P)	405,239	431,385
	<i>Redignment of EDI APS Unit Set from OCO to Base</i>		[26,146]
095	JOINT EFFECTS TARGETING SYSTEM (JETS)	66,574	66,574
096	MOD OF IN-SVC EQUIP (LLDR)	20,783	24,833
	<i>Redignment of EDI APS Unit Set from OCO to Base</i>		[4,050]
097	COMPUTER BALLISTICS: LHMC 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
	<i>Redignment of EDI APS Unit Set from OCO to Base</i>		[27]
122	FAMILY OF NON-LETHAL EQUIPMENT (FNLE)	7,478	7,478
124	CBRN DEFENSE	173,954	174,271
	<i>Redignment of EDI APS Unit Set from OCO to Base</i>		[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
	<i>Redignment of EDI APS Unit Set from OCO to Base</i>		[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
134	ROBOTICS AND APPLIQUE SYSTEMS	31,456	31,456
136	REMOTE DEMOLITION SYSTEMS	1,748	1,749

SEC. 4101. PROCUREMENT <i>(In Thousands of Dollars)</i>			
Line	Item	FY 2019 Request	House Authorized
	<i>Redignment of EDI APS Unit Set from OCO to Base</i>		[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 ECUS	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	57,752
	MAINTENANCE EQUIPMENT		
152	MOBILE MAINTENANCE EQUIPMENT SYSTEMS	37,722	37,722
153	ITEMS LESS THAN \$5.0M (MAINT EQ)	4,985	5,253
	<i>Redignment of EDI APS Unit Set from OCO to Base</i>		[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
	<i>Program increase—additional ERACC systems</i>		[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
	<i>Redignment of EDI APS Unit Set from OCO to Base</i>		[9,495]
175	TEST EQUIPMENT MODERNIZATION (TEMOD)	9,806	9,806
	OTHER SUPPORT EQUIPMENT		
176	M25 STABILIZED BINOCULAR	4,368	4,401
	<i>Redignment of EDI APS Unit Set from OCO to Base</i>		[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	8,395,454
	AIRCRAFT PROCUREMENT, NAVY		
	COMBAT AIRCRAFT		
001	F/A-18E/F (FIGHTER) HORNET	1,937,553	1,907,553
	<i>Excess NRE and Support Costs</i>		[-30,000]
002	ADVANCE PROCUREMENT (CY)	58,799	58,799
003	JOINT STRIKE FIGHTER CV	1,144,958	1,132,058
	<i>Production Efficiencies</i>		[-12,900]
004	ADVANCE PROCUREMENT (CY)	140,010	140,010
005	JSF STOVL	2,312,847	2,276,547
	<i>Production Efficiencies</i>		[-36,300]
006	ADVANCE PROCUREMENT (CY)	228,492	228,492
007	CH-53K (HEAVY LIFT)	1,113,804	1,089,804
	<i>Support cost growth</i>		[-24,000]
008	ADVANCE PROCUREMENT (CY)	161,079	161,079

SEC. 4101. PROCUREMENT <i>(In Thousands of Dollars)</i>			
Line	Item	FY 2019 Request	House Authorized
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	STUASLO 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	1,213,482
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: FA-18E/F Super Hornet Adaptive RADAR countermeasures		[25,000]
050	COMMON AVIONICS CHANGES	117,551	117,551
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	421,606
066	AIRCRAFT INDUSTRIAL FACILITIES	24,496	24,496
067	WAR CONSUMABLES	42,108	42,108
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	18,731,349
	WEAPONS PROCUREMENT, NAVY		
	MODIFICATION OF MISSILES		

SEC. 4101. PROCUREMENT <i>(In Thousands of Dollars)</i>			
Line	Item	FY 2019 Request	House Authorized
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
	<i>Forward financed in the FY18 Omnibus</i>		[-81,000]
	<i>Program Increase—198 missile</i>		[216,000]
	<i>Shutdown costs early to need</i>		[-20,200]
	TACTICAL MISSILES		
004	AMRAAM	211,058	211,058
005	SIDEWINDER	77,927	122,927
	<i>Navy UFR: additional AIM 9-X missiles</i>		[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
	<i>Excess Production Support</i>		[-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
	<i>Navy Unfunded Requirement</i>		[30,000]
018	LCS OTH MISSILE	18,156	18,156
	MODIFICATION OF MISSILES		
019	ESSM	98,384	96,384
	<i>Excess Production Support</i>		[-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
	TORPEDES AND RELATED EQUIP		
026	SSTD	6,353	6,353
027	MK-48 TORPEDO	92,616	103,616
	<i>Navy Unfunded Requirement</i>		[11,000]
028	ASW TARGETS	12,324	12,324
	MOD OF TORPEDES AND RELATED EQUIP		
029	MK-54 TORPEDO MODS	105,946	95,446
	<i>HAAWC unit cost growth</i>		[-6,500]
	<i>Non Recurring Engineering excess growth</i>		[-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
	<i>Mission Module Early to need</i>		[-5,800]
041	AIRBORNE MINE NEUTRALIZATION SYSTEMS	22,249	22,249
	SPARES AND REPAIR PARTS		
043	SPARES AND REPAIR PARTS	135,688	130,688
	<i>Unjustified program cost growth</i>		[-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
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

SEC. 4101. PROCUREMENT <i>(In Thousands of Dollars)</i>			
Line	Item	FY 2019 Request	House Authorized
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
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

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2019 Request	House Authorized
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
065	RADLAC	8,175	8,175
066	CANES-INTELL	54,465	54,465
067	GPETE	5,985	5,985
068	MASF	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

SEC. 4101. PROCUREMENT <i>(In Thousands of Dollars)</i>			
Line	Item	FY 2019 Request	House Authorized
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
	<i>Navy Unfunded Requirement</i>		[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
	<i>Unjustified Stalker Growth</i>		[-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
	<i>Excessive Unit Cost Growth for Install</i>		[-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
	<i>Excess Production Support</i>		[-2,100]
COMMAND SUPPORT EQUIPMENT			
122	COMMAND SUPPORT EQUIPMENT	66,681	66,681
123	MEDICAL SUPPORT EQUIPMENT	3,352	3,352
125	NAVAL MIP SUPPORT EQUIPMENT	1,984	1,984
126	OPERATING FORCES SUPPORT EQUIPMENT	15,131	15,131
127	CAISR 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			

SEC. 4101. PROCUREMENT <i>(In Thousands of Dollars)</i>			
Line	Item	FY 2019 Request	House Authorized
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
	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		

SEC. 4101. PROCUREMENT <i>(In Thousands of Dollars)</i>			
Line	Item	FY 2019 Request	House Authorized
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 Efficiencies		[-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	221,707
	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	615,309
	Eagle Passive Active Warning and Survivability System (EPAWSS)		[67,200]
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	147,685
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]
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

SEC. 4101. PROCUREMENT <i>(In Thousands of Dollars)</i>			
Line	Item	FY 2019 Request	House Authorized
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	15,490,621
	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	LRASMO	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	INDUSTRL 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
003	COUNTERSPACE SYSTEMS	1,121	1,121
004	FAMILY OF BEYOND LINE-OF-SIGHT TERMINALS	27,867	27,867
005	WIDEBAND GAPPFILLER 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 POSITIONING (SPACE)	2,181	2,181
009	INTEG BROADCAST SERV	16,445	16,445

SEC. 4101. PROCUREMENT <i>(In Thousands of Dollars)</i>			
Line	Item	FY 2019 Request	House Authorized
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	64,502
	TOTAL PROCUREMENT OF AMMUNITION, AIR FORCE	1,587,304	1,587,304
	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
	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

SEC. 4101. PROCUREMENT <i>(In Thousands of Dollars)</i>			
Line	Item	FY 2019 Request	House Authorized
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
	<i>Underexecution</i>		[-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 TRANSP T 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
	<i>Program reduction</i>		[-7,500]
	BASE SUPPORT EQUIPMENT		
053	BASE PROCURED EQUIPMENT	17,031	22,031
	<i>Civil Engineers Construction, Surveying, and Mapping Equipment</i>		[5,000]
054	ENGINEERING AND EOD EQUIPMENT	82,635	82,635
055	MOBILITY EQUIPMENT	9,549	6,549
	<i>Program reduction</i>		[-3,000]
056	BASE MAINTENANCE AND SUPPORT EQUIPMENT	24,005	17,005
	<i>Program reduction</i>		[-7,000]
	SPECIAL SUPPORT PROJECTS		
058	DARP RC135	26,262	26,262
059	DCGS-AF	448,290	413,290
	<i>Forward financed in the FY18 Omnibus</i>		[-35,000]
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	20,667,714
	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
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

SEC. 4101. PROCUREMENT <i>(In Thousands of Dollars)</i>			
Line	Item	FY 2019 Request	House Authorized
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	420,590
	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	166,418
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	133,567,392

1 **SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY**

2 **OPERATIONS.**

SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS <i>(In Thousands of Dollars)</i>			
Line	Item	FY 2019 Request	House Authorized
AIRCRAFT PROCUREMENT, ARMY			

SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS			
(In Thousands of Dollars)			
Line	Item	FY 2019 Request	House Authorized
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
	<i>Redignment of EDI APS Unit Set from OCO to Base</i>		[-50,868]
033	UAS MODS	3,402	0
	<i>Redignment of EDI APS Unit Set from OCO to Base</i>		[-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
	<i>Redignment of EDI APS Unit Set from OCO to Base</i>		[-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
	<i>Redignment of EDI APS Unit Set from OCO to Base</i>		[-13,800]
011	GUIDED MLRS ROCKET (GMLRS)	624,500	624,500
013	HIGH MOBILITY ARTILLERY ROCKET SYSTEM (HIMARS)	171,138	0
	<i>Redignment of EDI APS Unit Set from OCO to Base</i>		[-171,138]
014	LETHAL MINIATURE AERIAL MISSILE SYSTEM (LMAMS)	112,973	112,973
MODIFICATIONS			
016	ATACMS MODS	225,580	145,580
	<i>Redignment of EDI APS Unit Set from OCO to Base</i>		[-80,000]
021	MLRS MODS	122,000	0
	<i>Redignment of EDI APS Unit Set from OCO to Base</i>		[-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
	<i>Redignment of EDI APS Unit Set from OCO to Base</i>		[-205,000]
002	ARMORED MULTI PURPOSE VEHICLE (AMPV)	230,359	0
	<i>Redignment of EDI APS Unit Set from OCO to Base</i>		[-230,359]
MODIFICATION OF TRACKED COMBAT VEHICLES			
006	BRADLEY PROGRAM (MOD)	50,000	0
	<i>Redignment of EDI APS Unit Set from OCO to Base</i>		[-50,000]
008	PALADIN INTEGRATED MANAGEMENT (PIM)	67,000	0
	<i>Redignment of EDI APS Unit Set from OCO to Base</i>		[-67,000]
009	IMPROVED RECOVERY VEHICLE (M88A2 HERCULES)	42,354	0
	<i>Redignment of EDI APS Unit Set from OCO to Base</i>		[-42,354]
014	M1 ABRAMS TANK (MOD)	34,000	0
	<i>Redignment of EDI APS Unit Set from OCO to Base</i>		[-34,000]
015	ABRAMS UPGRADE PROGRAM	455,000	0
	<i>Redignment of EDI APS Unit Set from OCO to Base</i>		[-455,000]
WEAPONS & OTHER COMBAT VEHICLES			
018	M240 MEDIUM MACHINE GUN (7.62MM)	126	0
	<i>Redignment of EDI APS Unit Set from OCO to Base</i>		[-126]
022	MORTAR SYSTEMS	11,842	11,662
	<i>Redignment of EDI APS Unit Set from OCO to Base</i>		[-180]
025	CARBINE	1,800	0
	<i>Redignment of EDI APS Unit Set from OCO to Base</i>		[-1,800]
027	COMMON REMOTELY OPERATED WEAPONS STATION	3,378	0
	<i>Redignment of EDI APS Unit Set from OCO to Base</i>		[-3,378]
MOD OF WEAPONS AND OTHER COMBAT VEH			
032	M2 50 CAL MACHINE GUN MODS	4,920	0
	<i>Redignment of EDI APS Unit Set from OCO to Base</i>		[-4,920]
034	M240 MEDIUM MACHINE GUN MODS	7	0
	<i>Redignment of EDI APS Unit Set from OCO to Base</i>		[-7]
SUPPORT EQUIPMENT & FACILITIES			
039	ITEMS LESS THAN \$5.0M (WOCV-WTCV)	1,397	0
	<i>Redignment of EDI APS Unit Set from OCO to Base</i>		[-1,397]
	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
	<i>Redignment of EDI APS Unit Set from OCO to Base</i>		[-3,392]

SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS			
(In Thousands of Dollars)			
Line	Item	FY 2019 Request	House Authorized
002	CTG, 7.62MM, ALL TYPES	40	0
	<i>Realignment of EDI APS Unit Set from OCO to Base</i>		[-40]
003	CTG, HANDGUN, ALL TYPES	17	0
	<i>Realignment of EDI APS Unit Set from OCO to Base</i>		[-17]
004	CTG, .50 CAL, ALL TYPES	189	0
	<i>Realignment of EDI APS Unit Set from OCO to Base</i>		[-189]
005	CTG, 20MM, ALL TYPES	1,605	1,605
007	CTG, 30MM, ALL TYPES	25,000	0
	<i>Realignment of EDI APS Unit Set from OCO to Base</i>		[-25,000]
	MORTAR AMMUNITION		
009	60MM MORTAR, ALL TYPES	218	0
	<i>Realignment of EDI APS Unit Set from OCO to Base</i>		[-218]
010	81MM MORTAR, ALL TYPES	484	0
	<i>Realignment of EDI APS Unit Set from OCO to Base</i>		[-484]
	ARTILLERY AMMUNITION		
014	ARTILLERY PROJECTILE, 155MM, ALL TYPES	79,400	0
	<i>Realignment of EDI APS Unit Set from OCO to Base</i>		[-79,400]
015	PROJ 155MM EXTENDED RANGE M982	72,985	21,285
	<i>Realignment of EDI APS Unit Set from OCO to Base</i>		[-51,700]
016	ARTILLERY PROPELLANTS, FUZES AND PRIMERS, ALL	63,900	15,000
	<i>Realignment of EDI APS Unit Set from OCO to Base</i>		[-48,900]
	ROCKETS		
018	SHOULDER LAUNCHED MUNITIONS, ALL TYPES	22,242	20,000
	<i>Realignment of EDI APS Unit Set from OCO to Base</i>		[-2,242]
019	ROCKET, HYDRA 70, ALL TYPES	39,974	39,974
	OTHER AMMUNITION		
021	DEMOLITION MUNITIONS, ALL TYPES	5	0
	<i>Realignment of EDI APS Unit Set from OCO to Base</i>		[-5]
022	GRENADES, ALL TYPES	8	0
	<i>Realignment of EDI APS Unit Set from OCO to Base</i>		[-8]
	MISCELLANEOUS		
027	ITEMS LESS THAN \$5 MILLION (AMMO)	66	0
	<i>Realignment of EDI APS Unit Set from OCO to Base</i>		[-66]
	TOTAL PROCUREMENT OF AMMUNITION, ARMY	309,525	97,864
	OTHER PROCUREMENT, ARMY		
	TACTICAL VEHICLES		
002	SEMITRAILERS, FLATBED:	8,000	0
	<i>Realignment of EDI APS Unit Set from OCO to Base</i>		[-8,000]
003	AMBULANCE, 4 LITTER, 5/4 TON, 4X4	20,770	0
	<i>Realignment of EDI APS Unit Set from OCO to Base</i>		[-20,770]
010	FAMILY OF HEAVY TACTICAL VEHICLES (FHTV)	115,400	0
	<i>Realignment of EDI APS Unit Set from OCO to Base</i>		[-115,400]
012	HVY EXPANDED MOBILE TACTICAL TRUCK EXT SERV	6,682	0
	<i>Realignment of EDI APS Unit Set from OCO to Base</i>		[-6,682]
013	TACTICAL WHEELED VEHICLE PROTECTION KITS	50,000	0
	<i>Realignment of EDI APS Unit Set from OCO to Base</i>		[-50,000]
014	MODIFICATION OF IN SVC EQUIP	186,377	186,000
	<i>Realignment of EDI APS Unit Set from OCO to Base</i>		[-377]
	COMM—SATELLITE COMMUNICATIONS		
028	TRANSPORTABLE TACTICAL COMMAND COMMUNICATIONS	7,100	7,100
	COMM—COMBAT COMMUNICATIONS		
037	JOINT TACTICAL RADIO SYSTEM	1,560	0
	<i>Realignment of EDI APS Unit Set from OCO to Base</i>		[-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
	<i>Realignment of EDI APS Unit Set from OCO to Base</i>		[-22,000]
	COMM—INTELLIGENCE COMM		
050	CI AUTOMATION ARCHITECTURE (MIP)	9,800	9,800
	INFORMATION SECURITY		
055	COMMUNICATIONS SECURITY (COMSEC)	3	0
	<i>Realignment of EDI APS Unit Set from OCO to Base</i>		[-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
	<i>Realignment of EDI APS Unit Set from OCO to Base</i>		[-9,050]
	ELECT EQUIP—TACT INT REL ACT (TIARA)		
068	DCGS-A (MIP)	37,806	37,806
070	TROJAN (MIP)	6,926	6,326
	<i>Realignment of EDI APS Unit Set from OCO to Base</i>		[-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

SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS			
<i>(In Thousands of Dollars)</i>			
Line	Item	FY 2019 Request	House Authorized
	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
	<i>Realignment of EDI APS Unit Set from OCO to Base</i>		[-86]
086	LONG RANGE ADVANCED SCOUT SURVEILLANCE SYSTEM	2,861	0
	<i>Realignment of EDI APS Unit Set from OCO to Base</i>		[-2,861]
087	SMALL TACTICAL OPTICAL RIFLE MOUNTED MLRF	60	60
088	RADIATION MONITORING SYSTEMS	11	0
	<i>Realignment of EDI APS Unit Set from OCO to Base</i>		[-11]
090	INDIRECT FIRE PROTECTION FAMILY OF SYSTEMS	251,062	250,800
	<i>Realignment of EDI APS Unit Set from OCO to Base</i>		[-262]
091	FAMILY OF WEAPON SIGHTS (FWS)	525	0
	<i>Realignment of EDI APS Unit Set from OCO to Base</i>		[-525]
094	JOINT BATTLE COMMAND—PLATFORM (JBC-P)	26,146	0
	<i>Realignment of EDI APS Unit Set from OCO to Base</i>		[-26,146]
096	MOD OF IN-SVC EQUIP (LLDR)	4,050	0
	<i>Realignment of EDI APS Unit Set from OCO to Base</i>		[-4,050]
097	COMPUTER BALLISTICS: LHMCB 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
	<i>Realignment of EDI APS Unit Set from OCO to Base</i>		[-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
	<i>Realignment of EDI APS Unit Set from OCO to Base</i>		[-317]
	ENGINEER (NON-CONSTRUCTION) EQUIPMENT		
129	GRND STANDOFF MINE DETECTN SYSM (GSTAMIDS)	16,000	16,000
130	AREA MINE DETECTION SYSTEM (AMDS)	1	0
	<i>Realignment of EDI APS Unit Set from OCO to Base</i>		[-1]
132	ROBOTIC COMBAT SUPPORT SYSTEM (RCSS)	4,850	4,850
136	REMOTE DEMOLITION SYSTEMS	1	0
	<i>Realignment of EDI APS Unit Set from OCO to Base</i>		[-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
	<i>Realignment of EDI APS Unit Set from OCO to Base</i>		[-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
	<i>Realignment of EDI APS Unit Set from OCO to Base</i>		[-9,495]
	OTHER SUPPORT EQUIPMENT		
176	M25 STABILIZED BINOCULAR	33	0
	<i>Realignment of EDI APS Unit Set from OCO to Base</i>		[-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
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

SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS			
<i>(In Thousands of Dollars)</i>			
Line	Item	FY 2019 Request	House Authorized
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
AIRCRAFT PROCUREMENT, AIR FORCE			
OTHER AIRLIFT			
007	HC-130J	100,000	100,000
OTHER AIRCRAFT			
018	MQ-9	339,740	147,040
	<i>Excess attrition aircraft</i>		<i>[-192,700]</i>

SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS			
(In Thousands of Dollars)			
Line	Item	FY 2019 Request	House Authorized
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
	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		

SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS (In Thousands of Dollars)			
Line	Item	FY 2019 Request	House Authorized
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

1 **TITLE XLII—RESEARCH, DEVELOPMENT, TEST, AND EVALUA-**
 2 **TION**
 3 **TION**
 4 **SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUA-**
 5 **TION.**

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		
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

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2019 Request	House Authorized
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	40,566
029	0602787A	MEDICAL TECHNOLOGY	90,075	90,075
		SUBTOTAL APPLIED RESEARCH	919,609	934,609
		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	61,376
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	34,883
053	0603794A	C3 ADVANCED TECHNOLOGY	52,387	52,387
		SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT	1,026,698	1,041,698
		ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES		
054	0603305A	ARMY MISSILE DEFENSE SYSTEMS INTEGRATION	10,777	10,777
056	0603327A	AIR AND MISSILE DEFENSE SYSTEMS ENGINEERING	42,802	43,802
		Redignment 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
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

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2019 Request	House Authorized
		<i>Iron Dome short range air defense experimentation</i>		[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
		<i>Redignment of EDI APS Unit Set from OCO to Base</i>		[23,000]
077	0604118A	TRACTOR BEAM	52,894	52,894
079	0604121A	SYNTHETIC TRAINING ENVIRONMENT REFINEMENT & PROTO-TYPING.	77,939	77,939
080	0604319A	INDIRECT FIRE PROTECTION CAPABILITY INCREMENT 2—INTERCEPT (IFPC ²)	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 SUBUNITION (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
		<i>Late MSV-L contract award and concurrency</i>		[-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
		<i>Program reduction</i>		[-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—EX-PEDITIONARY (GBOSS-E).	5,175	5,175
127	0605034A	TACTICAL SECURITY SYSTEM (TSS)	4,496	4,496
128	0605035A	COMMON INFRARED COUNTERMEASURES (CIRCUM)	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

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Line	Program Element	Item	FY 2019 Request	House Authorized
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 - MHA	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
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
		Redignment 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

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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	WVMCCS/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
		<i>Redignment of EDI APS Unit Set from OCO to Base</i>		[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	10,316,579
		RESEARCH, DEVELOPMENT, TEST & EVAL, NAVY		
		BASIC RESEARCH		
001	0601103N	UNIVERSITY RESEARCH INITIATIVES	119,433	129,433
		<i>Defense University Research Instrumentation Program</i>		[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
		<i>Enhance and accelerate Navy artificial intelligence research</i>		[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
		<i>Academic partnerships for undersea unmanned warfare research and energy technology</i>		[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
		<i>Program increase-one sensor plus integration</i>		[23,500]
015	0602792N	INNOVATIVE NAVAL PROTOTYPES (INP) APPLIED RESEARCH	159,697	169,697
		<i>Accelerate Navy railgun development and prototyping</i>		[10,000]
016	0602861N	SCIENCE AND TECHNOLOGY MANAGEMENT—ONR FIELD ACTIVITIES.	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
		<i>Accelerate Navy railgun development and prototyping</i>		[20,000]
		SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT	750,995	770,995
		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
		<i>Prototyping fiber deployment sonobuoy systems</i>		[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

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		<i>Program increase</i>		[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
		<i>Excessive cost growth</i>		[-7,000]
		<i>Prior year inefficiencies impact</i>		[-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
		<i>Advanced Submarines Control and Precision Propulsion Module Integration.</i>		[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
		<i>High-Pressure Waterjet Explosive Ordnance Disposal Technology development.</i>		[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
		<i>Joint service adoption of non-lethal weapon technologies</i>		[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	223,344
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
		<i>Excessive Snakehead LDUUV growth</i>		[-21,200]
084	0604112N	GERALD R. FORD CLASS NUCLEAR AIRCRAFT CARRIER (CVN 78—80)	58,121	73,121
		<i>EMALS software support activity</i>		[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
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
		<i>Unjustified cost growth</i>		[-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	4,289,563
		SYSTEM DEVELOPMENT & DEMONSTRATION		
103	0603208N	TRAINING SYSTEM AIRCRAFT	12,798	13,798

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Line	Program Element	Item	FY 2019 Request	House Authorized
		<i>TH-57 follow-on training system development</i>		[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
		<i>Forward financed in the FY18 Omnibus</i>		[-10,000]
		<i>Program increase—IPF range improvement</i>		[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
		<i>Navy UFR: EA-18G offensive airborne electronic attack special mis-</i> <i>sion pods.</i>		[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
		<i>ACB 20 unexecutable growth</i>		[-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
		<i>XFU electronics unit integration</i>		[15,000]
130	0604373N	AIRBORNE MCM	10,831	10,831
131	0604378N	NAVAL INTEGRATED FIRE CONTROL—COUNTER AIR SYSTEMS ENGINEERING. <i>Excess overhead</i>	33,429	26,529
				[-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
		<i>Excess cost growth</i>		[-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
168	0605414N	UNMANNED CARRIER AVIATION (UCA)	718,942	602,042
		<i>Insufficient Air Vehicle budget justification</i>		[-116,900]
169	0605450M	JOINT AIR-TO-GROUND MISSILE (JAGM)	6,759	6,759
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 DEVELOP- MENT & DEMONSTRATION.	2,260	2,260
175	0204202N	DDG-1000	161,264	161,264
180	0304785N	TACTICAL CRYPTOLOGIC SYSTEMS	44,098	44,098

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182	0306250M	CYBER OPERATIONS TECHNOLOGY DEVELOPMENT	6,808	6,808
		SUBTOTAL SYSTEM DEVELOPMENT & DEMONSTRATION.	6,042,480	5,916,880
		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	77,014
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	1,020,569
		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
		<i>Excess cost growth</i>		[-11,200]
214	0607700N	DEPLOYABLE JOINT COMMAND AND CONTROL	3,127	3,127
215	0101221N	STRATEGIC SUB & WEAPONS SYSTEM SUPPORT	157,679	166,679
		<i>Project 2228, technical applications, systems engineering modeling and simulation capability and tool development.</i>		[9,000]
216	0101224N	SSBN SECURITY TECHNOLOGY PROGRAM	43,198	39,198
		<i>Excess program growth</i>		[-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	193,086
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 (TPMC).	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 (GLATOR)	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
		<i>Excessive TI-1 cost growth</i>		[-25,600]
234	0205633N	AVIATION IMPROVEMENTS	121,805	136,805
		<i>Navy UFR: F/A-18E/F Super Hornet engine enhancements</i>		[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

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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 (STUASLo)	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	219,894
265	0308601N	MODELING AND SIMULATION SUPPORT	7,097	7,097
266	0702207N	DEPOT MAINTENANCE (NON-IP)	36,560	36,560
267	0708730N	MARITIME TECHNOLOGY (MARITECH)	7,284	7,284
268	1203109N	SATELLITE COMMUNICATIONS (SPACE)	39,174	39,174
268A	999999999	CLASSIFIED PROGRAMS	1,549,503	1,549,503
		SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT ..	4,885,060	4,868,260
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, NAVY.	18,481,666	18,423,616
		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	141,373
		Additional facility engineering research and development		[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 HEAD- QUARTERS 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	1,353,342
		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
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 DEVELOP- MENT.	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. Additional facility engineering research and development	51,064	64,364
		Enhance and accelerate Air Force artificial intelligence research		[8,300]
		Enhance and accelerate Air Force artificial intelligence research		[5,000]
		SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT	814,797	868,097
		ADVANCED COMPONENT DEVELOPMENT & PROTO- TYPES		

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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
		Non-engine development technology		[15,000]
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	267,050
		Space RCO Advanced Solar Power—early to need		[-99,000]
		SUBTOTAL ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES	6,529,943	6,454,343
		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	SUBUNITIONS	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
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	1011125F	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]

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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 IIC	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
		<i>Test range modernization</i>		[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
		<i>Rocket systems launch program</i>		[10,000]
162	1206864F	SPACE TEST PROGRAM (STP)	25,620	75,620
		<i>Blackjack project</i>		[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
173	0101113F	B-52 SQUADRONS	280,414	295,114
		<i>Technical adjustment</i>		[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 MODERNIZA- TION 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
		<i>ALQ-128 EW suite for ANG units</i>		[50,000]
191	0207136F	MANNED DESTRUCTIVE SUPPRESSION	15,238	15,238

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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 (ATCAL8)	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
		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

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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-IP)	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	999999999	CLASSIFIED PROGRAMS	16,534,124	16,390,224
		Classified 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	40,889,443
		RESEARCH, DEVELOPMENT, TEST & EVAL, DW		
		BASIC RESEARCH		
001	0601000BR	DTRA BASIC RESEARCH	37,023	37,023
002	0601101E	DEFENSE RESEARCH SCIENCES	422,130	422,130
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	718,114
		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

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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
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]

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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
		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	OSD(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

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2019 Request	House Authorized
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 (EEM).	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	060598KA	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	999999999	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
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	CAI 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]

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2019 Request	House Authorized
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
		Realignmnet 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	SOP 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	999999999	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	22,120,503
		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	91,971,150

1 **SEC. 4202. RESEARCH, DEVELOPMENT, TEST, AND EVALUA-**
 2 **TION FOR OVERSEAS CONTINGENCY OPER-**
 3 **ATIONS.**

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
		Realignmnet 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
		Realignmnet 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

SEC. 4202. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION FOR OVERSEAS CONTINGENCY OPERATIONS
(In Thousands of Dollars)

Line	Program Element	Item	FY 2019 Request	House Authorized
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
		<i>Realignment of EDI APS Unit Set from OCO to Base</i>		<i>[-2,000]</i>
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
		<i>Realignment of EDI APS Unit Set from OCO to Base</i>		<i>[-14,000]</i>
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
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

SEC. 4202. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION FOR OVERSEAS CONTINGENCY OPERATIONS
(In Thousands of Dollars)

Line	Program Element	Item	FY 2019 Request	House Authorized
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	999999999	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

1 **TITLE XLIII—OPERATION AND**
 2 **MAINTENANCE**
 3 **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	3,678,951
	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
	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
MOBILIZATION			
220	STRATEGIC MOBILITY	370,941	370,941
230	ARMY PREPOSITIONED STOCKS	573,560	732,313

SEC. 4301. OPERATION AND MAINTENANCE <i>(In Thousands of Dollars)</i>			
Line	Item	FY 2019 Request	House Authorized
	<i>Realignment of EDI APS Unit Set from OCO to Base</i>		[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
	<i>Realign OCO requirements from Base to OCO</i>		[-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
	<i>NATO Cooperative Cyber Defense Center of Excellence</i>		[5,000]
	<i>NATO Strategic Communications Center of Excellence</i>		[5,000]
565	CLASSIFIED PROGRAMS	1,259,622	1,259,622
	SUBTOTAL ADMIN & SRVWIDE ACTIVITIES	10,009,981	9,868,381
UNDISTRIBUTED			
570	UNDISTRIBUTED		-904,500
	<i>Foreign Currency adjustments</i>		[-210,300]
	<i>Historical unobligated balances</i>		[-694,200]
	SUBTOTAL UNDISTRIBUTED		-904,500
	TOTAL OPERATION & MAINTENANCE, ARMY ..	42,009,317	39,221,929
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
	<i>Realignment of FSRM funds to new RM and Demo lines</i>		[-71,593]
	<i>Sustainment recovery</i>		[30,000]
101	FACILITIES RESTORATION & MODERNIZATION		49,176
	<i>Realignment of FSRM funds to new RM and Demo lines</i>		[49,176]
102	FACILITIES DEMOLITION		22,417
	<i>Realignment of FSRM funds to new RM and Demo lines</i>		[22,417]
110	MANAGEMENT AND OPERATIONAL HEADQUARTERS	22,175	22,175
	SUBTOTAL OPERATING FORCES	2,797,361	2,827,361

SEC. 4301. OPERATION AND MAINTENANCE <i>(In Thousands of Dollars)</i>			
Line	Item	FY 2019 Request	House Authorized
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
	<i>Realignment of FSRM funds to new RM and Demo lines</i>		<i>[-101,187]</i>
	<i>Sustainment recovery</i>		<i>[70,000]</i>
111	FACILITIES RESTORATION & MODERNIZATION		85,859
	<i>Realignment of FSRM funds to new RM and Demo lines</i>		<i>[85,859]</i>
112	FACILITIES DEMOLITION		15,328
	<i>Realignment of FSRM funds to new RM and Demo lines</i>		<i>[15,328]</i>
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 OPERATING FORCES			
010	MISSION AND OTHER FLIGHT OPERATIONS	5,372,399	5,372,399
020	FLEET AIR TRAINING	2,023,351	2,014,593
	<i>Advanced skills management</i>		<i>[-8,758]</i>
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
	<i>Readiness restoration</i>		<i>[37,400]</i>
070	AIRCRAFT DEPOT OPERATIONS SUPPORT	66,649	66,649
080	AVIATION LOGISTICS	939,368	945,768
	<i>Readiness restoration</i>		<i>[6,400]</i>
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
	<i>Readiness restoration</i>		<i>[116,600]</i>
	<i>Western Pacific Dry Dock capability</i>		<i>[32,000]</i>
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 SUP- PORT	153,719	153,719

SEC. 4301. OPERATION AND MAINTENANCE <i>(In Thousands of Dollars)</i>			
Line	Item	FY 2019 Request	House Authorized
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
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

SEC. 4301. OPERATION AND MAINTENANCE <i>(In Thousands of Dollars)</i>			
Line	Item	FY 2019 Request	House Authorized
	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
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

SEC. 4301. OPERATION AND MAINTENANCE <i>(In Thousands of Dollars)</i>			
Line	Item	FY 2019 Request	House Authorized
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
	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

SEC. 4301. OPERATION AND MAINTENANCE <i>(In Thousands of Dollars)</i>			
Line	Item	FY 2019 Request	House Authorized
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]
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]

SEC. 4301. OPERATION AND MAINTENANCE			
(In Thousands of Dollars)			
Line	Item	FY 2019 Request	House Authorized
042	FACILITIES DEMOLITION		2,396
	<i>Realignment of FSRM funds to new RM and Demo lines</i>		[2,396]
050	CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT	1,061,759	1,064,759
	<i>Readiness restoration</i>		[3,000]
060	BASE SUPPORT	988,333	989,233
	<i>Readiness restoration</i>		[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
	<i>Civilian pay ahead of need</i>		[-10,700]
	<i>Communications</i>		[-20,000]
	<i>DCGS-SOF</i>		[-10,000]
	<i>MC-12 ahead of need</i>		[-33,300]
	<i>Program decrease</i>		[-100,000]
	SUBTOTAL OPERATING FORCES	6,421,651	6,247,651
TRAINING AND RECRUITING			
050	DEFENSE ACQUISITION UNIVERSITY	181,601	172,501
	<i>Efficiencies within the 4th estate</i>		[-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
	<i>STARBASE</i>		[20,000]
100	DEFENSE CONTRACT AUDIT AGENCY	625,633	594,333
	<i>Efficiencies within the 4th estate</i>		[-31,300]
110	DEFENSE CONTRACT MANAGEMENT AGENCY	1,465,354	1,392,054
	<i>Efficiencies within the 4th estate</i>		[-73,300]
120	DEFENSE HUMAN RESOURCES ACTIVITY	859,923	816,923
	<i>Efficiencies within the 4th estate</i>		[-43,000]
130	DEFENSE INFORMATION SYSTEMS AGENCY	2,106,930	2,001,630
	<i>Efficiencies within the 4th estate</i>		[-105,300]
150	DEFENSE LEGAL SERVICES AGENCY	27,403	26,003
	<i>Efficiencies within the 4th estate</i>		[-1,400]
160	DEFENSE LOGISTICS AGENCY	379,275	385,750
	<i>Efficiencies within the 4th estate</i>		[-19,000]
	<i>Program increase for the Procurement Technical Assistance Program (PTAP)</i>		[25,475]
170	DEFENSE MEDIA ACTIVITY	207,537	197,137
	<i>Efficiencies within the 4th estate</i>		[-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
	<i>Efficiencies within the 4th estate</i>		[-1,700]
230	DEFENSE THREAT REDUCTION AGENCY	553,329	553,329
250	DEPARTMENT OF DEFENSE EDUCATION ACTIVITY	2,892,284	2,942,284
	<i>Impact Aid</i>		[40,000]
	<i>Impact Aid for Children with Severe Disabilities</i>		[10,000]
260	MISSILE DEFENSE AGENCY	499,817	499,817
280	OFFICE OF ECONOMIC ADJUSTMENT	70,035	166,535
	<i>Defense Community Infrastructure Program</i>		[100,000]
	<i>Efficiencies within the 4th estate</i>		[-3,500]
290	OFFICE OF THE SECRETARY OF DEFENSE	1,519,655	1,525,655
	<i>CDC PFOS/PFOA Health Study Increment</i>		[7,000]

SEC. 4301. OPERATION AND MAINTENANCE <i>(In Thousands of Dollars)</i>			
Line	Item	FY 2019 Request	House Authorized
	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]
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	29,126,300
	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	35,601,800
	US COURT OF APPEALS FOR ARMED FORCES, DEFENSE		
010	US COURT OF APPEALS FOR THE ARMED FORCES, DEFENSE	14,662	14,662
	TOTAL US COURT OF APPEALS FOR ARMED FORCES, DEFENSE	14,662	14,662
	DOD ACQUISITION WORKFORCE DEVELOPMENT FUND		
010	ACQ WORKFORCE DEV FD	400,000	400,000
	TOTAL DOD ACQUISITION WORKFORCE DEVELOPMENT FUND	400,000	400,000
	OVERSEAS HUMANITARIAN, DISASTER, AND CIVIC AID		
010	OVERSEAS HUMANITARIAN, DISASTER AND CIVIC AID	107,663	107,663
	TOTAL OVERSEAS HUMANITARIAN, DISASTER, AND CIVIC AID	107,663	107,663
	COOPERATIVE THREAT REDUCTION ACCOUNT		
010	FORMER SOVIET UNION (FSU) THREAT REDUCTION	335,240	335,240
	TOTAL COOPERATIVE THREAT REDUCTION ACCOUNT	335,240	335,240
	ENVIRONMENTAL RESTORATION, ARMY		
060	ENVIRONMENTAL RESTORATION, ARMY	203,449	213,449
	PFOS/PFOA remediation increase		[10,000]
	TOTAL ENVIRONMENTAL RESTORATION, ARMY	203,449	213,449
	ENVIRONMENTAL RESTORATION, NAVY		
080	ENVIRONMENTAL RESTORATION, NAVY	329,253	339,253
	PFOS/PFOA remediation increase		[10,000]
	TOTAL ENVIRONMENTAL RESTORATION, NAVY	329,253	339,253
	ENVIRONMENTAL RESTORATION, AIR FORCE		
100	ENVIRONMENTAL RESTORATION, AIR FORCE	296,808	346,808
	PFOS/PFOA remediation increase		[50,000]
	TOTAL ENVIRONMENTAL RESTORATION, AIR FORCE	296,808	346,808
	ENVIRONMENTAL RESTORATION, DEFENSE		

SEC. 4301. OPERATION AND MAINTENANCE <i>(In Thousands of Dollars)</i>			
Line	Item	FY 2019 Request	House Authorized
120	ENVIRONMENTAL RESTORATION, DEFENSE	8,926	8,926
	TOTAL ENVIRONMENTAL RESTORATION, DE- FENSE	8,926	8,926
	ENVIRONMENTAL RESTORATION FORMERLY USED SITES		
140	ENVIRONMENTAL RESTORATION FORMERLY USED SITES ..	212,346	212,346
	TOTAL ENVIRONMENTAL RESTORATION FORMERLY USED SITES	212,346	212,346
	TOTAL OPERATION & MAINTENANCE	199,469,636	195,528,393

1 **SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS**

2 **CONTINGENCY OPERATIONS.**

SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS <i>(In Thousands of Dollars)</i>			
Line	Item	FY 2019 Request	House Authorized
	OPERATION & MAINTENANCE, ARMY OPERATING FORCES		
010	MANEUVER UNITS	1,179,339	1,634,039
	<i>Realign OCO requirements from Base to OCO</i>		[454,700]
030	ECHELONS ABOVE BRIGADE	25,983	177,553
	<i>Realign OCO requirements from Base to OCO</i>		[151,570]
040	THEATER LEVEL ASSETS	2,189,916	2,432,416
	<i>Realign OCO requirements from Base to OCO</i>		[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
	<i>Realign OCO requirements from Base to OCO</i>		[606,260]
080	LAND FORCES SYSTEMS READINESS	550,068	550,068
090	LAND FORCES DEPOT MAINTENANCE	195,873	468,693
	<i>Realign OCO requirements from Base to OCO</i>		[272,820]
100	BASE OPERATIONS SUPPORT	109,560	715,820
	<i>Realign OCO requirements from Base to OCO</i>		[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
	<i>Contract personnel recovery/casualty evacuation in AFRICOM</i>		[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
	<i>Realignment of EDI APS Unit Set from OCO to Base</i>		[-158,753]
	SUBTOTAL MOBILIZATION	158,753	0
	ADMIN & SRVWIDE ACTIVITIES		
390	SERVICEWIDE TRANSPORTATION	712,230	863,830
	<i>Realign OCO requirements from Base to OCO</i>		[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
563	CLASSIFIED PROGRAMS	1,074,270	1,074,270
	SUBTOTAL ADMIN & SRVWIDE ACTIVITIES	2,175,370	2,326,970
	UNDISTRIBUTED		
570	UNDISTRIBUTED		-27,900

SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS			
<i>(In Thousands of Dollars)</i>			
Line	Item	FY 2019 Request	House Authorized
	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
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

SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS
(In Thousands of Dollars)

<i>Line</i>	<i>Item</i>	<i>FY 2019 Request</i>	<i>House Authorized</i>
	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
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		

SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS <i>(In Thousands of Dollars)</i>			
Line	Item	FY 2019 Request	House Authorized
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 RE-SERVE	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
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

SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS (In Thousands of Dollars)			
<i>Line</i>	<i>Item</i>	<i>FY 2019 Request</i>	<i>House Authorized</i>
	TOTAL OPERATION & MAINTENANCE, AF RE-SERVE	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
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

1 **TITLE XLIV—MILITARY**

2 **PERSONNEL**

3 **SEC. 4401. MILITARY PERSONNEL.**

SEC. 4401. MILITARY PERSONNEL (In Thousands of Dollars)		
<i>Item</i>	<i>FY 2019 Request</i>	<i>House Authorized</i>
Military Personnel Appropriations	140,689,301	139,991,801
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]

SEC. 4401. MILITARY PERSONNEL <i>(In Thousands of Dollars)</i>		
<i>Item</i>	<i>FY 2019 Request</i>	<i>House Authorized</i>
Medicare-Eligible Retiree Health Fund Contributions	7,533,090	7,533,090
Total, Military Personnel	148,222,391	147,524,891

1 **SEC. 4402. MILITARY PERSONNEL FOR OVERSEAS CONTIN-**
2 **GENCY OPERATIONS.**

SEC. 4402. MILITARY PERSONNEL FOR OVERSEAS CONTINGENCY OPERATIONS <i>(In Thousands of Dollars)</i>		
<i>Item</i>	<i>FY 2019 Request</i>	<i>House Authorized</i>
Military Personnel Appropriations	4,660,661	4,660,661

3 **TITLE XLV—OTHER**
4 **AUTHORIZATIONS**

5 **SEC. 4501. OTHER AUTHORIZATIONS.**

SEC. 4501. OTHER AUTHORIZATIONS <i>(In Thousands of Dollars)</i>		
<i>Item</i>	<i>FY 2019 Request</i>	<i>House Authorized</i>
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
<i>Program increase—one used vessel</i>		[200,000]
LG MED SPD RO/RO MAINTENANCE		127,739
<i>Transfer from OMN</i>		[127,739]
DOD MOBILIZATION ALTERATIONS		20,858
<i>Transfer from OMN</i>		[20,858]
TAH MAINTENANCE		157,350
<i>Service Life Extension of USNS Comfort (TAH 20)</i>		[85,000]
<i>Transfer from OMN</i>		[72,350]
READY RESERVE AND PREPOSITIONING FORCE		310,805
<i>Transfer from OMN</i>		[310,805]
TOTAL NATIONAL DEFENSE SEALIFT FUND		816,752

SEC. 4501. OTHER AUTHORIZATIONS <i>(In Thousands of Dollars)</i>		
<i>Item</i>	FY 2019 Request	House Authorized
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
<i>Combattling opioid trafficking and abuse</i>		[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
<i>Program increase</i>		[5,000]
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
EXPLORATORY DEVELOPMENT	75,010	75,010
ADVANCED DEVELOPMENT	275,258	275,258
DEMONSTRATION/VALIDATION	117,529	117,529
ENGINEERING DEVELOPMENT	151,985	171,985
<i>FDA approved devices to detect and monitor traumatic brain injury</i>		[10,000]
<i>Freeze-dried platelet derived hemostatic agents</i>		[10,000]
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		-492,500
<i>Foreign Currency adjustments</i>		[-22,100]
<i>Historical unobligated balances</i>		[-470,400]
TOTAL DEFENSE HEALTH PROGRAM	33,729,192	33,256,692
TOTAL OTHER AUTHORIZATIONS	37,381,921	37,751,173

1 **SEC. 4502. OTHER AUTHORIZATIONS FOR OVERSEAS CON-**
 2 **TINGENCY OPERATIONS.**

SEC. 4502. OTHER AUTHORIZATIONS FOR OVERSEAS CONTINGENCY OPERATIONS (In Thousands of Dollars)		
<i>Item</i>	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
TOTAL WORKING CAPITAL FUND, AIR FORCE	8,590	8,590
DRUG INTERDICTION & CTR-DRUG ACTIVITIES, DEF		
DRUG INTERDICTION AND COUNTER-DRUG ACTIVITIES, DE- FENSE	153,100	153,100
TOTAL DRUG INTERDICTION & CTR-DRUG AC- TIVITIES, 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

3 **TITLE XLVI—MILITARY**
 4 **CONSTRUCTION**
 5 **SEC. 4601. MILITARY CONSTRUCTION.**

SEC. 4601. MILITARY CONSTRUCTION (In Thousands of Dollars)				
<i>Account</i>	<i>State/Country and Installation</i>	<i>Project Title</i>	FY 2019 Request	House Agreement
	<i>Alabama</i>			
Army	Anniston Army Depot	Weapon Maintenance Shop	5,200	5,200
	<i>California</i>			
Army	Fort Irwin	Multipurpose Range Complex	29,000	29,000
	<i>Colorado</i>			
Army	Fort Carson	Vehicle Maintenance Shop	77,000	77,000
	<i>Georgia</i>			
Army	Fort Gordon	Cyber Instructional Fac and Network Ctr	99,000	99,000
	<i>Germany</i>			
Army	East Camp Grafenwoehr	Mission Training Complex	31,000	31,000
	<i>Hawaii</i>			
Army	Fort Shafter	Command and Control Facility, Iner 4	105,000	95,000
	<i>Honduras</i>			
Army	Soto Cano Air Base	Barracks	21,000	21,000
	<i>Indiana</i>			
Army	Crane Army Ammuni- tion Plant	Railcar Holding Area	16,000	16,000
	<i>Kentucky</i>			
Army	Fort Campbell	Microgrid 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
	<i>Korea</i>			
Army	Camp Tango	Command and Control Facility	17,500	17,500

SEC. 4601. MILITARY CONSTRUCTION <i>(In Thousands of Dollars)</i>				
Account	State/Country and Installation	Project Title	FY 2019 Request	House Agreement
	<i>Kuwait</i>			
Army	Camp Arifjan	Vehicle Maintenance Shop	44,000	44,000
	<i>Maryland</i>			
Army	Fort Meade	Cantonment Area Roads	0	16,500
	<i>New Jersey</i>			
Army	Picatinny Arsenal	Munitions Disassembly Complex	41,000	41,000
	<i>New Mexico</i>			
Army	White Sands Missile Range	Information Systems Facility	40,000	40,000
	<i>New York</i>			
Army	U.S. Military Academy	Engineering Center	95,000	95,000
Army	U.S. Military Academy	Parking Structure	65,000	65,000
	<i>North Carolina</i>			
Army	Fort Bragg	Dining Facility	10,000	10,000
	<i>South Carolina</i>			
Army	Fort Jackson	Trainee Barracks Complex 3, Ph2	52,000	52,000
	<i>Texas</i>			
Army	Fort Bliss	Supply Support Activity	24,000	24,000
Army	Fort Hood	Supply Support Activity	0	9,600
	<i>Worldwide Unspecified</i>			
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
	<i>Arizona</i>			
Navy	Camp Navajo	Missile Motor Magazines and U&SI	0	14,800
	<i>Bahamas</i>			
Navy	Andros Island	AUTEC Austere Quarters	31,050	31,050
	<i>Bahrain</i>			
Navy	SW Asia	Fleet Maintenance Facility & TOC	26,340	26,340
	<i>California</i>			
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
	<i>Cuba</i>			
Navy	Naval Station Guantanamo Bay	Consolidated Fire Station	0	19,700
Navy	Naval Station Guantanamo Bay	Solid Waste Management Facility	85,000	85,000
	<i>District of Columbia</i>			
Navy	Naval Observatory	Master Time Clocks & Operations Facility	115,600	60,000
	<i>Florida</i>			
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
	<i>Georgia</i>			
Navy	Marine Corps Base Albany	Welding and Body Repair Shop Facility	0	31,900
	<i>Germany</i>			

SEC. 4601. MILITARY CONSTRUCTION
(In Thousands of Dollars)

Account	State/Country and Installation	Project Title	FY 2019 Request	House Agreement
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
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

SEC. 4601. MILITARY CONSTRUCTION				
(In Thousands of Dollars)				
Account	State/Country and Installation	Project Title	FY 2019 Request	House Agreement
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
<i>Guam</i>				
AF	Joint Region Marianas	Hayman Munitions Storage Igloos MSA 2	9,800	9,800
<i>Louisiana</i>				
AF	Barksdale Air Force Base	Entrance Road and Gate Complex	0	12,250
<i>Mariana Islands</i>				
AF	Timian	APR—Cargo Pad with Taxiway Extension	46,000	46,000
AF	Timian	APR—Maintenance Support Facility	4,700	4,700
<i>Maryland</i>				
AF	Joint Base Andrews	Child Development Center	0	13,000
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
<i>Massachusetts</i>				
AF	Hanscom Air Force Base	MIT-Lincoln Laboratory (West Lab CSL/MIF)	225,000	40,000
<i>Nebraska</i>				
AF	Offutt Air Force Base	Parking Lot, USSTRATCOM	9,500	9,500
<i>Nevada</i>				
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
<i>New Mexico</i>				
AF	Holloman Air Force Base	MQ-9 FTU Ops Facility	85,000	85,000
<i>New York</i>				
AF	Kirtland Air Force Base	Wyoming Gate Upgrade for Anti-terrorism Compliance.	0	7,000
<i>North Dakota</i>				
AF	Minot Air Force Base	Consolidated Helo/TRF Ops/AMU and Alert Fac	66,000	66,000
<i>Ohio</i>				
AF	Wright-Patterson Air Force Base	ADAL Intelligence Production Complex (NASIC)	116,100	61,000
<i>Oklahoma</i>				
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
<i>Qatar</i>				
AF	Al Udeid	Flightline Support Facilities	30,400	0
AF	Al Udeid	Personnel Deployment Processing Facility	40,000	0
<i>South Carolina</i>				
AF	Shaw Air Force Base	CPIP MQ-9 MCE GROUP	53,000	53,000
<i>Texas</i>				
AF	Joint Base San Antonio	BMT Recruit Dormitory 6	25,000	25,000
<i>United Kingdom</i>				
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
<i>Utah</i>				
AF	Hill Air Force Base	Composite Aircraft Antenna Calibration Fac	0	26,000
<i>Washington</i>				
AF	Fairchild—White Bluff	ADAL JPRA C2 Mission Support Facility	0	14,000
<i>Worldwide Classified</i>				
AF	Classified Location	TACMOR—Utilities and Infrastructure Support	18,000	18,000
<i>Worldwide Unspecified</i>				
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
<i>Alaska</i>				
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

SEC. 4601. MILITARY CONSTRUCTION
(In Thousands of Dollars)

Account	State/Country and Installation	Project Title	FY 2019 Request	House Agreement
	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
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	Kaiserslautern 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	Mealester	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	Training Center Dam Neck	SOF Magazines	8,959	8,959
	Washington			
Def-Wide	Joint Base Lewis-Mechord	Refueling Facility	26,200	26,200
	Worldwide Unspecified			

SEC. 4601. MILITARY CONSTRUCTION <i>(In Thousands of Dollars)</i>				
Account	State/Country and Installation	Project Title	FY 2019 Request	House Agreement
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
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
NATO	Worldwide Unspecified NATO Security Investment Program	Nato Security Investment Program	171,064	171,064
NATO Security Investment Program Total			171,064	171,064
Army NG	Alaska Joint Base Elmendorf-Richardson	United States Property & Fiscal Office	27,000	27,000
Army NG	Illinois Marseilles Training Center	Automated Record Fire Range	5,000	5,000
Army NG	Montana Malta	National Guard Readiness Center	15,000	15,000
Army NG	Nevada North Las Vegas	National Guard Readiness Center	32,000	32,000
Army NG	New Hampshire Pembroke	National Guard Readiness Center	12,000	12,000
Army NG	North Dakota Fargo	National Guard Readiness Center	32,000	32,000
Army NG	Ohio Camp Ravenna	Automated Multipurpose Machine Gun Range	7,400	7,400
Army NG	Oklahoma Lexington	Aircraft Vehicle Storage Building	0	11,000
Army NG	South Dakota Rapid City	National Guard Readiness Center	15,000	15,000
Army NG	Worldwide Unspecified 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
Army Res	California Fort Irwin	ECS Modified TEMF / Warehouse	34,000	34,000
Army Res	Washington Yakima Training Center	ECS Modified TEMF	0	23,000
Army Res	Wisconsin Fort McCoy	Transient Training Barracks	23,000	23,000
Army Res	Worldwide Unspecified 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
N/MC Res	California Naval Weapons Station Seal Beach	Reserve Training Center	21,740	21,740
N/MC Res	Georgia Fort Benning	Reserve Training Center	13,630	13,630
N/MC Res	Pennsylvania Pittsburgh	Reserve Training Center	0	0
Worldwide Unspecified				

SEC. 4601. MILITARY CONSTRUCTION				
(In Thousands of Dollars)				
Account	State/Country and Installation	Project Title	FY 2019 Request	House Agreement
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
<i>California</i>				
Air NG	Channel Islands Air National Guard Station	Construct C-130J Flight Simulator Facility	8,000	8,000
<i>Hawaii</i>				
Air NG	Joint Base Pearl Harbor-Hickam	Construct Addition to F-22 LO/CRF B3408	17,000	17,000
<i>Illinois</i>				
Air NG	Greater Peoria Regional Airport	Construct New Fire Crash/Rescue Station	9,000	9,000
<i>Louisiana</i>				
Air NG	New Orleans	NORTHCOM—Construct Alert Apron	15,000	15,000
Air NG	New Orleans	NORTHCOM—Construct Alert Facilities	0	24,000
<i>Minnesota</i>				
Air NG	Duluth International Airport	Construct Small Arms Range	0	8,000
<i>Montana</i>				
Air NG	Great Falls International Airport	Construct Aircraft Apron	0	9,000
<i>New York</i>				
Air NG	Francis S. Gabreski Airport	Security Forces/Comm.Training Facility	20,000	20,000
<i>Ohio</i>				
Air NG	Mansfield Lahm Airport	Replace Fire Station	0	13,000
Air NG	Rickenbacker International Airport	Construct Small Arms Range	0	8,000
<i>Pennsylvania</i>				
Air NG	Fort Indiantown Gap	Replace Operations Training/Dining Hall	8,000	8,000
<i>Virginia</i>				
Air NG	Joint Base Langley-Eustis	Construct Cyber Ops Facility	10,000	10,000
<i>Worldwide Unspecified</i>				
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
<i>Florida</i>				
AF Res	Patrick Air Force Base	HC-130J Mr Hanger	0	24,000
<i>Indiana</i>				
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
<i>Massachusetts</i>				
AF Res	Westover Air Reserve Base	Regional ISO Mr Hanger	0	42,600
<i>Minnesota</i>				
AF Res	Minneapolis-St Paul International Airport	Small Arms Range	9,000	9,000
<i>Mississippi</i>				
AF Res	Keesler Air Force Base	Aeromedical Staging Squadron Facility	4,550	4,550
<i>New York</i>				
AF Res	Niagara Falls International Airport	Physical Fitness Center	14,000	14,000
<i>Ohio</i>				
AF Res	Youngstown Air Reserve Station	Relocation Main Gate	0	8,800
<i>Texas</i>				
AF Res	Naval Air Station Joint Reserve Base Fort Worth	Munitions Training/Admin Facility	3,100	3,100
<i>Worldwide Unspecified</i>				
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

SEC. 4601. MILITARY CONSTRUCTION <i>(In Thousands of Dollars)</i>				
Account	State/Country and Installation	Project Title	FY 2019 Request	House Agreement
	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 Mecoy	Family Housing New Construction	6,200	6,200
	Worldwide Unspecified			
FH Con Army	Unspecified Worldwide Locations	Family Housing P & D	18,326	18,326
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

SEC. 4601. MILITARY CONSTRUCTION <i>(In Thousands of Dollars)</i>				
Account	State/Country and Installation	Project Title	FY 2019 Request	House Agreement
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
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

1 **SEC. 4602. MILITARY CONSTRUCTION FOR OVERSEAS CON-**
 2 **TINGENCY 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
Army	Bulgaria Nevo Selo Cuba	EDI: Ammunition Holding Area	5,200	5,200

SEC. 4602. MILITARY CONSTRUCTION FOR OVERSEAS CONTINGENCY OPERATIONS				
(In Thousands of Dollars)				
Account	State/Country and Installation	Project Title	FY 2019 Request	House Agreement
Army	Guantanamo Bay	High Value Detention Facility	69,000	0
	Poland			
Army	Drausko 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
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-SA Taxiway	66,050	66,050
	Spain			
Navy	Rota	EDI: Port Operations Facilities	21,590	21,590
	United Kingdom			
Navy	Lossiemouth	EDI: P-S 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

1 **TITLE XLVII—DEPARTMENT OF**
 2 **ENERGY NATIONAL SECURITY**
 3 **PROGRAMS**

4 **SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY**
 5 **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		
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

SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS		
<i>(In Thousands of Dollars)</i>		
Program	FY 2019 Request	House Authorized
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
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, Erascale Class Computer Cooling Equipment, LANL ...	24,000	24,000
18-D-620, Erascale 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]

SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS		
<i>(In Thousands of Dollars)</i>		
Program	FY 2019 Request	House Authorized
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
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

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SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS <i>(In Thousands of Dollars)</i>		
Program	FY 2019 Request	House Authorized
Naval reactors development	514,951	514,951
Columbia-Class reactor systems development	138,000	138,000
SSG 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
 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

SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS		
<i>(In Thousands of Dollars)</i>		
Program	FY 2019 Request	House Authorized
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
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

<i>SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS</i>		
<i>(In Thousands of Dollars)</i>		
<i>Program</i>	<i>FY 2019 Request</i>	<i>House Authorized</i>
<i>Program direction</i>	<i>18,302</i>	<i>18,302</i>
<i>Total, Office of Legacy Management</i>	<i>158,877</i>	<i>158,877</i>
<i>Defense related administrative support</i>		
<i>Chief financial officer</i>	<i>48,484</i>	<i>48,484</i>
<i>Chief information officer</i>	<i>96,793</i>	<i>96,793</i>
<i>Project management oversight and Assessments</i>	<i>8,412</i>	<i>8,412</i>
<i>Total, Defense related administrative support</i>	<i>153,689</i>	<i>153,689</i>
<i>Office of hearings and appeals</i>	<i>5,739</i>	<i>5,739</i>
<i>Subtotal, Other defense activities</i>	<i>855,300</i>	<i>855,300</i>
<i>Rescission of prior year balances (OHA)</i>	<i>-2,000</i>	<i>-2,000</i>
<i>Total, Other Defense Activities</i>	<i>853,300</i>	<i>853,300</i>
<i>Defense Nuclear Waste Disposal</i>		
<i>Yucca mountain and interim storage</i>	<i>30,000</i>	<i>30,000</i>
<i>Total, Defense Nuclear Waste Disposal</i>	<i>30,000</i>	<i>30,000</i>



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DIVISION A—DEPARTMENT OF DEFENSE AUTHORIZATIONS

TITLE I—PROCUREMENT

AIRCRAFT PROCUREMENT, ARMY

Items of Special Interest

Light utility helicopter

The budget request included \$6.4 million for utility helicopter modifications to the UH-60 Black Hawk and the UH-72A Lakota helicopters, but contained no funding for UH-72A life-cycle sustainment and product improvements. The UH-72A Lakota helicopter provides general aviation support for aviation units in the Active and Reserve Components. The committee supports the requirement to conduct mid-life sustainment and product improvement activities for the UH-72A, and includes funding to conduct the analysis, engineering, certification, and risk reduction activities necessary to update the UH-72A Life Cycle Support Plan. The committee also recognizes that the UH-72A was initially fielded without aircraft survivability equipment, which could potentially limit the Active Component and Army National Guard's utilization of the UH-72A platform. As reflected in Division D of this Act, the committee recommends additional funding for the National Guard and Reserve Component Equipment Account (NGREA). The committee understands that while no requirements have been formally identified for UH-72A Lakota ballistic armor or aircraft survivability equipment by the National Guard Bureau, should a requirement be put forth, the committee expects the Army National Guard to utilize NGREA funds.

The committee recommends \$16.4 million, an increase of \$10.0 million, in utility helicopter modifications for UH-72A life-cycle sustainment and product improvements. Further, the committee directs the Secretary of the Army to provide a briefing to the House Committee on Armed Services by February 8, 2019, on the Army's long-term sustainment strategy for the UH-72A Lakota helicopter fleet.

AIRCRAFT PROCUREMENT, NAVY

Items of Special Interest

Navy Reserve F/A-18 aircraft

The committee remains concerned about the health and readiness of the Navy Reserve combat air fleet. The committee is aware that the Navy Reserve tactical aviation squadrons provide critical adversary support and strike fighter weapons training to Active Duty forces, and must maintain a high mobilization readiness level as the sole strategic reserve available to the Department of the

Navy. The committee understands that the Navy Reserve currently operates 33 legacy F/A-18A+ aircraft that are currently shared between two squadrons. The committee notes that with an average airframe age of 31 years and aircraft systems that are no longer compatible with today's carrier air wing, the Navy Reserve aircraft are increasingly less capable than the F/A-18E/F Super Hornet aircraft used by the Navy's Active Duty fleet. The committee believes that this situation could affect the ability of the two Navy Reserve squadrons to meet requirements for advanced strike employment, and the capability to simulate current advanced threat aircraft. The committee also believes that the legacy F/A-18A+ aircraft needs to be recapitalized with next-generation capability in order to provide realistic threat-representative training for naval aviators and to maintain operational readiness that provides a relevant and deployable reserve to the Active Duty air wings.

Accordingly, the committee directs the Secretary of the Navy, in coordination with the Chief of the Navy Reserve, to provide a briefing to the House Committee on Armed Services not later than December 4, 2018, on its updated plans to recapitalize the Navy Reserve combat air fleet.

AIRCRAFT PROCUREMENT, AIR FORCE

Items of Special Interest

A-10 replacement wings

The base budget request contained \$98.7 million for A-10 aircraft modifications, of which \$79.2 million was included for the A-10 wing replacement program. The committee notes that increases for fiscal years 2017 and 2018 will enable the Department of the Air Force to begin a second wing replacement program for an additional 110 A-10 replacement wings.

The committee continues to believe that sustainment of the 281-aircraft A-10 fleet helps to meet Air Force fighter aircraft capacity requirements. The committee notes that A-10 force structure consists of five Air Reserve Component and four Active Duty squadrons, and that any fewer than nine squadrons will not meet future combatant commander demand for A-10 aircraft. Consequently, subsequent to the test and evaluation of the F-35A and A-10C required by section 134 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328), the Department should not take any action to reduce the number of A-10 squadrons. Accordingly, the committee believes the Department of the Air Force should accelerate the A-10 wing replacement program.

The committee recommends \$163.7 million in the base budget for A-10 modifications, an increase of \$65.0 million for the A-10 wing replacement program.

The committee also notes that multiyear contracting strategies have resulted in more efficient and cost effective acquisition programs, and believes such a strategy could also result in cost savings for the A-10 wing replacement program. Therefore, the committee directs the Secretary of the Air Force to provide a briefing

to the House Committee on Armed Services not later than February 15, 2019, on Department of the Air Force plans to utilize a multiyear contracting strategy to procure A-10 replacement wings.

Additionally, the committee notes that exercising the option to deliver the remaining 110 wings on the contract that expired in September 2016 could have resulted in cost savings compared to current plans to contract separately for a second wing replacement program. Therefore, the committee directs the Secretary of the Air Force to provide a report to the House Committee on Armed Services, not later than February 15, 2019, on the cost of the additional 110 A-10 replacement wings using a second contract compared to the cost of exercising the option to procure the 110 A-10 replacement wings on the original contract.

RQ-4 Global Hawk and EQ-4 battlefield airborne communications node aircraft

The budget request contained \$23.7 million for RQ-4 Global Hawk and EQ-4 modifications, but contained no funding for additional EQ-4 aircraft.

The committee recognizes that the both the RQ-4 and EQ-4 provide critical warfighting capabilities in communications relay and high-altitude intelligence, surveillance, and reconnaissance (ISR) mission areas for combatant commanders (COCOM). The committee is also satisfied that the EQ-4 has transitioned to a formal Air Force program of record. However, the committee is concerned that the current communication architecture for operating the RQ-4 is antiquated, difficult to maintain, and limits the Air Force's ability to fully use the system to meet COCOM demands for increased capacity and capability. The committee also believes that insufficient capacity exists for the robust communications capability the EQ-4 provides to COCOMs, and that based on current quantity of mission support taskings, the EQ-4 fleet of aircraft could reach service-life limits quicker than anticipated, creating an unmitigated capability gap. The committee supports any Air Force plan to initiate development of the RQ-4 Communication System Modernization Program (CSMP) in fiscal year 2020 to meet combatant commander requirements for expanded airborne communications relay and ISR, as well as establish a pathway to more quickly meet emerging high-altitude, long-endurance ISR and communications requirements.

Therefore, the committee recommends \$128.7 million, an increase of \$105.0 million, for procurement of one additional EQ-4 aircraft and associated modifications. The committee also directs the Secretary of the Air Force to submit a report to the congressional defense committees, not later than February 5, 2019, on the RQ-4 CSMP acquisition strategy. The report should include an updated RQ-4 CSMP acquisition strategy, including a program schedule and budget requirements for development, testing, and fielding of the capability, and a description of how the Air Force is balancing the resources required for CSMP with other efforts to increase RQ-4 sensor capabilities over this same time period.

TITLE II—RESEARCH, DEVELOPMENT, TEST, AND EVALUATION

RESEARCH, DEVELOPMENT, TEST, AND EVALUATION, ARMY

Items of Special Interest

Iron Dome experimentation and assessment for short-range air defense

The budget request included \$38.0 million in PE 64020A for cross functional team (CFT) advanced development and prototyping.

The committee understands the Army established six CFT pilots to examine how the Army could leverage existing resources and accelerate getting needed capability to the warfighter. The Army's critical capability gap for Air and Missile Defense (AMD) remains protecting the maneuvering force and is aware the AMD CFT pilot is focused on accelerating delivery of a maneuver short-range air defense (SHORAD) capability. The committee commends the AMD CFT for getting an approved directed requirement for an interim-maneuver SHORAD capability that accelerated the original schedule by 5 years. The committee notes the AMD CFT is also reviewing other AMD capability gaps for the protection of fixed and semi-fixed sites. The committee expects the AMD CFT to immediately address capability gaps in the areas of indirect fire protection capability and AMD.

Since 2011, Congress has provided over \$1.5 billion for the procurement of Iron Dome batteries for the State of Israel, a system with demonstrated capability against a wide-range of threats. There is value in experimenting with the Iron Dome system through demonstrations to assess operational suitability for the fixed and semi-fixed site AMD mission, and M-SHORAD missions. Such demonstrations will evaluate challenges associated with integration of the Iron Dome command and control system with the existing AMD C2 system and sensors.

The committee recommends \$68.0 million, an increase of \$30.0 million, in PE 64020A to support the acquisition of Iron Dome hardware and associated integration activities, for the operational demonstration of the Iron Dome system against a range of threats to evaluate issues associated with the following:

- (1) integrating the Iron Dome launcher into a U.S. Army AMD architecture for complimentary support of fixed, semi-fixed, and M-SHORAD operations;
- (2) re-designing the Iron Dome launcher to be compatible with the Indirect Fire Protection Capability Multi-Mission Launcher; and
- (3) potential options for accelerating development of the Skyhunter missile.

Further, the committee directs the Director of the AMD CFT to provide a briefing to the House Committee on Armed Services by April 2, 2019, on the Army's plans for this experiment and demonstration. If warranted by the demonstration results, the committee directs the Director of the AMD CFT to provide a follow-on briefing on the advisability and feasibility of rapidly transitioning Iron Dome hardware for immediate use, with budgetary recommendations and schedules for accelerated procurement of additional systems.

RESEARCH, DEVELOPMENT, TEST, AND EVALUATION, NAVY

Items of Special Interest

Directed energy and non-lethal weapons technology policy and guidance

The budget request contained \$27.6 million in PE 63851M for Joint Non-Lethal Weapons testing.

The committee continues to support the Department of Defense's efforts to develop non-lethal technologies as a materiel solution to provide military commanders with a non-lethal capability to protect military bases, security perimeters, and other secured spaces. The committee acknowledges the importance of these technologies as a force multiplier that gives service members more options, and minimizes civilian casualties and collateral damage. Recent development efforts of High Power Radio Frequency directed energy technologies have advanced these weapons to a maturity that can be used globally by the military services and combatant commands to stop vehicles, vessels, and other systems. The committee is concerned that the lack of policy, strategy, and guidance for employment of these non-lethal weapons has limited the potential benefits of deploying these technologies for use more broadly across the combatant commands.

Therefore, the committee directs the Secretary of the Navy to provide a briefing to the House Committee on Armed Services by November 1, 2018, on the future strategy for non-lethal weapons, including development of appropriate policy and guidance for employment. The briefing should also describe the current organizational structure of the non-lethal weapons program and consider the assignment of a joint proponent for non-lethal weapons who would be responsible for coordinating command requirements, facilitating policy development, and setting conditions for further integration of these capabilities.

The committee recommends \$32.6 million, an increase of \$5.0 million, in PE 63851M for the Non-Lethal Weapons program.

Marine Corps Group 5-class unmanned aircraft development

The budget request contained \$25.3 million in PE 34240M for development of advanced tactical unmanned aircraft system capabilities.

The committee understands that the Marine Corps plans to develop a medium- to large-sized, long-range, medium-altitude, multi-mission, unmanned aircraft system that can persist and survive in an anti-access, area-denial contingency environment. The committee is also aware of multiple capabilities and platforms across joint-service portfolios that could likely mitigate, if not eliminate, the capability gaps and shortfalls identified in the Marine Corps' Initial Capabilities Document, from August 10, 2016, "Marine Air Ground Task Force Unmanned Aircraft System Expeditionary Capabilities." The committee believes the Marine Corps underestimates the required communications, data link, launch, mission execution, and recovery infrastructure, or the human capital resources required to train, operate, maintain, and sustain such a system. The Marine Corps also

underestimates the necessary human capital resources required to meet current deployment-to-dwell policy and guidance issued by the Secretary of Defense.

Therefore, the committee recommends \$10.3 million, a decrease of \$15.0 million, in PE 34240M for development of advanced tactical unmanned aircraft system capabilities. The committee also directs the Chairman of the Joint Requirements Oversight Council to provide a briefing to the House Committee on Armed Services, not later than February 5, 2019, that assesses all existing or future joint-service capabilities that are similar in nature to the Marine Corps' planned system, and includes a detailed explanation for why each of those joint-service capabilities could not mitigate or fulfill the gaps or shortfalls identified by the Marine Corps. The committee also directs the Secretary of the Navy to provide a briefing to the House Committee on Armed Services, not later than February 5, 2019, that explains the acquisition and funding strategy of the Marine Corps to affordably develop and field an unmanned capability of this nature, and the personnel, funding, infrastructure, and mission-execution resources that would be needed to viably sustain and support this capability.

RESEARCH, DEVELOPMENT, TEST, AND EVALUATION, AIR FORCE

Items of Special Interest

Wind energy development radar mitigation efforts

The budget request contained \$6.3 million in PE 35114F for the Air Traffic Control, Approach, and Landing System.

The committee understands the growing importance of renewable energy as a national security imperative, in particular the rapid expansion of wind energy as an alternative energy source. The committee also recognizes the potential impact of wind energy development on the operational readiness, training activities, safety, and force protection of Department of Defense service members, aircraft, and installations. Given the expected increase in the U.S. wind energy development, mitigation approaches must be further developed and accelerated.

The committee recommends that the U.S. Government and industry continue to evaluate the impacts of existing and planned wind energy developments in coordination with the Federal Interagency Wind Turbine Radar Impact Mitigation Working Group, and develop best practices for radar mitigation strategies. The committee is aware of an existing pilot program by the U.S. Transportation Command and Air Mobility Command to integrate gap-filler radar systems into their air traffic control operations to mitigate the impact of wind energy developments. This mitigation pilot program has reduced false target alerts and improved the situational awareness of air traffic control operators and the safety of aircrew. The committee recommends additional analysis to assess the feasibility and development requirements associated with the integration, operation, and performance of gap-fill radars integrated into existing air traffic command and control systems.

Therefore, the committee directs the Secretary of the Air Force to provide a briefing to the House Committee on Armed Services not later than October 31, 2018, on the status of the pilot mitigation project and strategy for developing gap-filler radar thresholds and requirements.

Additionally, the committee recommends \$8.8 million, an increase of \$2.5 million, in PE 35114F for the Air Traffic Control, Approach, and Landing System.

RESEARCH, DEVELOPMENT, TEST, AND EVALUATION, DEFENSE-WIDE

Items of Special Interest

Minerva Research Initiative

The committee recognizes the valuable contributions the Minerva Research Initiative has had on social science research relevant to national security. This initiative has supported innovations in social science and translated important scientific discoveries in the field of counter-terrorism and counter-violent extremism. The committee believes similar research examining our peer and near-peer adversaries' growing influence and competitive advantage against the United States is necessary. According to the National Security Strategy of 2017, the People's Republic of China is reasserting its influence in order to deny the United States access in times of crisis and contest the Department of Defense's ability to operate freely in decisive locations. The committee believes additional national security-related social science research dedicated towards the Russian Federation, China, the Islamic Republic of Iran, and the Democratic People's Republic of Korea, and their export of military and security technology, will help understand these nations' true intentions and develop and implement strategy aimed at countering their influence.

Therefore, the committee directs the Secretary of Defense to provide a briefing to the House Committee on Armed Services not later than November 16, 2018, on the feasibility of expanding the Minerva Research Initiative to state actors, including Russia, China, Iran, and North Korea. The briefing should include the program's ability to provide substantive research addressing peer and near-peer adversary statecraft, to include, but not limited to, foreign influence, foreign investment, emerging technologies, and military exports.

TITLE III—OPERATION AND MAINTENANCE

ITEMS OF SPECIAL INTEREST

READINESS ISSUES

Availability and Sufficiency of Training Ranges to Conduct Training against Near-Peer Adversaries

To build and sustain full-spectrum combat readiness, the military services must train on ranges that replicate the capabilities of near-peer adversaries. Such training requires ranges with sizable land, sea, and air space to accommodate the tactics of modern systems and weapons. In addition, modern war demands extensive training on weapons employment and target identification, as potential adversaries possess complex air defenses and highly sophisticated electronic countermeasures. However, training ranges lack sufficient capability and capacity to support full-spectrum training requirements, including the replication of near-peer adversaries capabilities. Further, because of the strategic significance of forward-deployed and rotational forces, building overseas training range capabilities is becoming more important to sustaining full-spectrum readiness.

The committee is concerned that the Department of Defense's training range infrastructure is not keeping up with the demand to support full-spectrum training requirements. Therefore, the committee directs the Comptroller General of the United States to assess the following:

(1) the extent to which the Department of Defense has identified the current capacity of training range infrastructure to meet the military services' demand for range access;

(2) the extent to which the Department of Defense has evaluated the training range infrastructure to determine whether it is sufficient to conduct training against near-peer adversary capabilities; and

(3) the extent to which the Department of Defense has developed a comprehensive strategy and investment plan to improve the availability and sufficiency of training ranges to meet the Department's training needs.

The committee further directs the Comptroller General to provide a briefing to the House Committee on Armed Services not later than February 1, 2019, on the findings of this review and to submit a report to the congressional defense committees on a date agreed to at the time of the briefing.

TITLE VIII—ACQUISITION POLICY, ACQUISITION MANAGEMENT, AND RELATED MATTERS

ITEMS OF SPECIAL INTEREST

Comptroller General Report on the Issuance of Regulations in the Defense Federal Acquisition Regulation Supplement

The committee notes that despite recent legislative reform to the acquisition system there has been a significant delay between statutory enactment and issuance of regulations in the Defense Federal Acquisition Regulation Supplement (DFARS). For example, a final rule on procurement of commercial items (issued in January 2018) amended the DFARS based upon requirements from as long ago as the National Defense Authorization Act for Fiscal Year 2013 (Public Law 112-239). As a result, the acquisition and contracting communities within and

outside the Federal Government are unable to take full advantage of recent reforms and improvements to acquisition and contracting procedures. The committee is concerned that the momentum generated by congressional acquisition reform initiatives has been lost as a result of delayed, and potentially incomplete, revision of regulations, and seeks to identify and remedy the causes of such delays. According to the Department of Defense's operating guidance for the DFARS, the standard timeline for issuance of a final rule is one year, including multiple layers of review within and outside the Department as well as time for public comment. The committee seeks recommendations on how to reduce that timeline and ensure that previously enacted statutory provisions are not disregarded in regulation. The committee also encourages exploration of other ways to quickly implement enacted reforms such as through interim policy memoranda or other guidance, without the need for formal regulatory action.

Therefore, the committee directs the Comptroller General of the United States to submit a report to the congressional defense committees by March 1, 2019, on the issuance of regulations in the Defense Federal Acquisition Regulation Supplement as required under statutory provisions enacted in past National Defense Authorization Acts. The report should describe the existing revision process and assess the status of statutory provisions enacted since fiscal year 2010. The report should assess the factors delaying revision to the DFARS and provide recommendations for any changes that might accelerate such revisions. The committee intends for the Comptroller General to focus on acquisition policy-related statutory provisions enacted in past National Defense Authorization Acts.

The committee further directs the Comptroller General to provide a briefing to the House Committee on Armed Services by December 1, 2018, on preliminary findings.

Contract Incentives for Superior Supplier Performance

The committee directs the Under Secretary of Defense for Acquisition and Sustainment to provide a briefing to the House Committee on Armed Services not later than December 1, 2018, on the Department of Defense's Superior Supplier Incentive Program. This program is designed to recognize and reward contractors who demonstrate superior performance by focusing on cost, schedule, performance, quality, and responsiveness. The briefing should include discussion of the feasibility of providing contract incentives, such as more favorable contract terms and conditions, which had been considered in relation to the Department of the Navy's Superior Supplier Incentive Program that preceded the Department of Defense's program.

Core Logistics Capability

The committee notes that section 2464 of title 10, United States Code, requires the Department of Defense to maintain a core logistics capability that is Government-owned and Government-operated (including Government personnel

and Government-owned and Government-operated equipment and facilities) to ensure a ready and controlled source of technical competence and resources necessary to ensure effective and timely response to a mobilization, national defense contingency situations, and other emergency requirements. The committee further notes that recent National Defense Authorization Acts have made important changes to commercial item statutes, and that elsewhere in this Act the committee recommends further changes to the statutes governing commercial items. In all cases, the committee expects the Department to implement any statutory changes in a manner consistent with the mandate in section 2464 of title 10, United States Code, to maintain core logistics capabilities.

The committee directs the Under Secretary of Defense for Acquisition and Sustainment to provide a report to the House Committee on Armed Services, not later than February 1, 2019, on the Department's implementation of changes to commercial item statutes enacted in National Defense Authorization Acts for fiscal years 2016 through 2019, and how such changes may affect core logistics capability in the future.

Data Rights Impact to Sustainment

The committee is concerned about access to appropriate data rights with regard to long-term sustainment of weapon systems, especially for weapon systems transitioning to organic depot sustainment.

The committee directs the Under Secretary of Defense for Acquisition and Sustainment to provide a briefing to the House Committee on Armed Services by September 30, 2018, on the process and status of obtaining appropriate data rights for long-term sustainment of weapon systems transitioning to organic depots.

Domestic Samarium Cobalt Magnet Manufacturing

The committee is aware of the Department of Defense's continued need for a reliable rare earth magnet manufacturing industrial base to provide key components in many weapon systems. The committee is concerned that a recent memorandum of understanding (MOU) with Japan may result in the outsourcing of all remaining rare earth magnet manufacturing capability in the United States to foreign manufacturers. There is currently one U.S.-owned and -operated rare earth magnet manufacturing facility in the United States, which produces samarium cobalt magnets. The committee urges the Secretary of Defense to take the appropriate steps to ensure that the United States is not completely without a commercial-scale rare earth magnet manufacturing facility.

The committee directs the Secretary of Defense to provide a briefing to the House Committee on Armed Services by September 30, 2018, on the risks to the current domestic rare earth supply chain, including domestic samarium cobalt magnet makers, as a result of the MOU with Japan. The briefing should also describe the Department's strategy for preserving the long-term viability of the U.S. rare earth magnet industrial base.

Ensuring Availability of Beryllium

The committee notes that beryllium is the only material designated by the Department of Defense's Strategic Materials Protection Board as a critical material. The committee notes there is a complete, vertically integrated supply chain in the United States for beryllium metal and other beryllium products that are used in major defense systems including the F-35 Joint Strike Fighter and nuclear weapon systems. This supply chain has historically been supported by the Department of Defense through the Defense Production Act and other authorities as required in order to maintain access to this critical, strategic material.

The committee is interested in the Department's efforts to help the U.S. defense industrial base sustain a secure, viable, and affordable domestic supply of beryllium.

The committee therefore directs the Secretary of Defense to provide a briefing to the House Committee on Armed Services not later than September 30, 2018, on the Department's efforts to maintain the availability of beryllium for defense needs. The briefing should address the following:

(1) what steps the Department is taking to ensure a stable and affordable domestic supply chain for beryllium;

(2) whether the Department intends to provide any guidance regarding individual programs using beryllium feedstock from the Russian Federation and metal production from the Republic of Kazakhstan;

(3) the Department's coordination with the National Nuclear Security Administration to maintain the availability of beryllium for nuclear modernization requirements;

(4) the Department's efforts to work with the Occupational Safety and Health Administration to ensure that regulatory burdens do not jeopardize the domestic beryllium supply chain; and

(5) the potential opportunities for the Department's guidance to its component agencies and military services to ensure a whole-of-Department approach to beryllium supply.

Final Activities of and Archiving of Records for Advisory Panel on Streamlining and Codifying Acquisition Regulations

The committee notes that the Advisory Panel on Streamlining and Codifying Acquisition Regulations has continued to provide analysis to the relevant congressional committees and the Department of Defense to support statutory and regulatory implementation of recommendations contained in volume 1 of its final report. The committee expects the Advisory Panel to provide additional recommendations to Congress and the Executive Branch in volumes 2 and 3 of the final report. The Advisory Panel, pursuant to section 883 of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115-91), which amended section 809 of the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114-92), will remain in existence for 180 days following delivery of volume 3 of the

final report in January 2019. During this final 6-month period, the Advisory Panel should continue to provide any necessary analysis and clarification of recommendations contained in the final report to Congress and the Executive Branch to support and facilitate statutory and regulatory implementation of such recommendations.

The committee expects that the Department of Defense's acquisition reform efforts will not cease upon the termination of the Advisory Panel on Streamlining and Codifying Acquisition Regulations. In addition, the Department of Defense's implementation of recent legislative reforms as well as the Advisory Panel's recommendations on regulations will require continued research and analysis by the Department. The committee notes that section 809 of Public Law 114-92 established the National Defense University as one of the sponsors of the Advisory Panel.

The committee directs the Secretary of Defense that upon termination of the Advisory Panel, the Advisory Panel's records shall be maintained by the Eisenhower School at the National Defense University by no later than August 1, 2019.

Manufacturing Extension Partnership Program

The committee supports and recognizes the importance of the National Institute of Standards and Technology Manufacturing Extension Partnership program. The committee understands that the Manufacturing Extension Partnership program provides assistance to small- and medium-sized manufacturing companies to reduce costs, increase productivity, improve management, enhance supply chains, and adapt to new market and supply chain opportunities. In addition, the committee believes that additional resourcing and support for the program would likely provide these services to a larger number of manufacturers involved in Department of Defense programs.

Therefore, the committee directs the Under Secretary of Defense for Acquisition and Sustainment to provide a briefing to the House Committee on Armed Services not later than March 1, 2019, on the Department of Defense plans for future cooperation with the Manufacturing Extension Partnership program, including collaborative efforts between the Department and the Manufacturing Extension Partnership program. The briefing should also include a review of potential opportunities for expanding Department support for the Manufacturing Extension Partnership program in an effort to provide assistance to manufacturing elements of the defense industrial base.

National Defense Stockpile

The committee notes the importance of the National Defense Stockpile and of the preservation of strategic and critical materials for national defense. The committee is concerned about the current risks and long-term sustainability of the National Defense Stockpile. According to the Department of Defense, there are

significant unsatisfied stockpile requirements, and, under the current program-financing model, the Transaction Fund will be unsustainable by 2024.

The committee directs the Secretary of Defense to provide a briefing to the House Committee on Armed Services by September 30, 2018, on the National Defense Stockpile. The briefing should address the following:

- (1) the Department's plan to address the current unmitigated risks;
- (2) how the Department will make the Transaction Fund sustainable;
- (3) an overview of the Department's stockpile management to include acquisition of materials, storage, security, and maintenance;
- (4) the Department's ability to upgrade, refine, and process the material for storage, disposition, or use; and
- (5) any vulnerabilities to the National Defense Stockpile supply chain and the Department's risk mitigation efforts.

TITLE X—GENERAL PROVISIONS

ITEMS OF SPECIAL INTEREST

OTHER MATTERS

Counter-Unmanned Aircraft System Authority for United States Facilities and Assets

The committee notes that the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115-91) provided the Department of Defense a modest expansion of existing counter-unmanned aircraft system (C-UAS) authority in section 130i of title 10, United States Code, to address additional mission areas that the Department determined are critical, high-priority U.S. facilities and assets essential to the Department carrying out its mission. The committee appreciates the Department's deliberate and thoughtful implementation of the C-UAS authority to ensure the safety and security of Department assets and facilities, in addition to ensuring the safety of operations within the U.S. National Airspace System. The committee also notes that the Department, in conjunction with the Administrator, Federal Aviation Administration, is required to provide to relevant congressional committees a semiannual briefing on how the current C-UAS is being utilized and implemented, and various other items of information pertaining to the authority.

Therefore, the committee directs the Secretary of Defense to provide a briefing to the House Committee on Armed Services not later than September 1, 2018, the date of the next scheduled semiannual C-UAS briefing requirement to Congress. The briefing should include a list of capability gaps and shortfalls for C-UAS systems or mission areas of the Department that are not currently included in the existing C-UAS authority, but deemed to be high-priority or critical facilities or assets contributing to the success of the Department in executing its mission. The briefing should also include a list of existing Department research and development,

or test and evaluation locations within the military services, that currently participate and specialize in C-UAS capabilities in the areas of detection and tracking, hard-kill defeat prediction, or improvised explosive/improvised explosive device performance assessment capability. The committee also encourages the Secretary of Defense to leverage existing deployment, operations, and test and evaluation activities and operational capabilities for C-UAS that are occurring at various U.S. overseas basing locations in order to determine what existing C-UAS technologies and capabilities could feasibly and viably be deployed to protect U.S. facility and asset locations requiring C-UAS capability.

National Guard Access to Department of Defense Owned Unmanned Aircraft Systems

The committee notes that section 1084 of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115-91) required that not later than 1 year after the date of the enactment of Public Law 115-91, the Secretary of Defense, in coordination with the Chief of the National Guard Bureau, the Commander, U.S. Northern Command, and the Commander, U.S. Pacific Command, complete an efficiency and effectiveness review of the governance structure, coordination processes, documentation, and timing requirements stipulated in Department of Defense policy memorandum 15-002, "Guidance for the Domestic Use of Unmanned Aircraft Systems (UAS)." In addition, not later than 30 days after the policy review is completed, the Secretary of Defense is required to submit the results of the review to the congressional defense committees. The committee expects that during the policy review, Department of Defense officials will implement a processing timeline for reviewing National Guard UAS utilization requests that appropriately balances reviewing the request for compliance with established policy and reviewing the request in a timely manner that coincides with the responsiveness, urgency, and operational planning factors dictated by the specific mission the UAS capability is being requested to support.

Therefore, the committee directs the Secretary of Defense to provide a briefing to the House Committee on Armed Services not later than 30 days after the policy review required by section 1084 of Public Law 115-91 is completed. The briefing should include information related to the processing timeline that the Secretary established during the policy review and how the timeline will be implemented.

Review of National Guard Capabilities in Support of Incident Awareness and Assessment Mission Operations

The committee notes there is inconsistency among National Guard and Department of the Air Force officials in expressing what type of capabilities and which platforms are required to support the Incident Awareness and Assessment (IAA) mission of the National Guard. The committee requires clarification regarding the National Guard's current and future capability and capacity

requirements to execute the IAA mission in support of Domestic Operations (DOMOPS) when National Guard personnel are on duty or mobilized under title 32, United States Code, authority, and in support of Defense Support to Civil Authorities (DSCA) when National Guard personnel are on duty or mobilized under title 10, United States Code, authority. The committee believes it is critical for the Department of Defense to maintain a sufficient capability, capacity, and responsiveness among the Active and Reserve components of the Department when supporting missions related to homeland defense and responding to natural disasters or declared emergencies.

Therefore, the committee directs the Chief, National Guard Bureau, in coordination with the Commander, U.S. Northern Command, the Director, Air National Guard, and the Director, Army National Guard, to provide a report to the congressional defense committees by October 1, 2018, that provides an Incident Awareness and Assessment capability and capacity roadmap for the National Guard covering the 2019 to 2023 Future Years Defense Program (FYDP). The report should describe, at a minimum:

(1) the validated capability and capacity requirements defining the IAA mission in support of U.S. Northern Command, State Governors, and other Government agencies;

(2) the specific platforms and quantities of platforms the National Guard will leverage, maintain, or procure to support IAA capability and capacity requirements;

(3) a schedule depicting specific platforms that will be procured, maintained, or divested in support of IAA capabilities and capacity over the covered time period;

(4) a schedule depicting specific platforms and associated modernization and upgrades that will be accomplished over the covered time period;

(5) the required funding needed and currently programmed in the FYDP to support individual platforms within the IAA portfolio of capabilities; and

(6) any capability or capacity gaps or shortfalls that are identified over the covered time period.

TITLE XII—MATTERS RELATING TO FOREIGN NATIONS

ITEMS OF SPECIAL INTEREST

Combined Joint Task Force-Horn of Africa

The committee has long been concerned about U.S. Africa Command (AFRICOM) Combined Joint Task Force-Horn of Africa's (CJTF-HOA) ability to execute assigned missions and taskings, as evidenced by section 1241 of the National Defense Authorization Act for Fiscal Year 2011 (Public Law 111-383), which required the Secretary of Defense, in consultation with the Secretary of

State, to monitor and evaluate the impact of CJTF-HOA's activities to counter violent extremism in Africa and provide a report to Congress.

The committee continues to be concerned that CJTF-HOA's organizational structure, resourcing, command relationships, and lack of clearly defined role, responsibility, and authority have led to suboptimal performance in executing its assigned missions as an operational headquarters and ensuring unified action in the region. The committee acknowledges that as the only major element of AFRICOM located on the continent, there may be value in maintaining and better enabling CJTF-HOA to synchronize, facilitate, and oversee its assigned missions. The committee notes, however, that options other than a joint task force may be more effective in accomplishing these missions.

Therefore, the committee directs the Secretary of Defense to evaluate the missions of CJTF-HOA and the operational environment to determine whether a joint task force provides the most effective headquarters option for command and control of operations. Further, the committee directs the Secretary to provide a briefing to the House Committee on Armed Services not later than October 31, 2018, on the results of the evaluation. The briefing shall include:

- (1) an evaluation of the costs and benefits of maintaining a permanent U.S. military presence in East Africa, and the potential locations for such presence;
- (2) an evaluation of the advantages and disadvantages of maintaining a combined joint task force structure to fulfill assigned missions and taskings;
- (3) the range of headquarters options available for command and control of operations in East Africa and the advantages and disadvantages of each option;
- (4) recommendations for the most effective headquarters structure, command relationships, and assignment of missions to improve the command and control of operations and to ensure unified action in East Africa; and
- (5) any other matter the Secretary determines to be appropriate.

Coordinating Efforts to Counter The Malign Activities of the People's Republic of China and the Russian Federation Across Combatant Commands

The committee is concerned about the People's Republic of China and the Russian Federation's malign influence and activities that extend across all geographical regions and supports the Department's efforts to increase coordination across combatant commands in countering those activities. The committee believes that China and Russia's influence campaigns, economic investment and infrastructure, and security presence throughout the Indo-Pacific, Central Asia, Africa, Europe, and South America, have national security implications for the United States and its allies and partners. Therefore, the committee encourages all combatant commands to coordinate their respective efforts and use all appropriate authorities to include security cooperation activities, foreign military sales, and other equipment transfers to counter China and Russia's activities and to develop the capabilities of United States allies and partners. The committee notes that the combatant commands should align their efforts in accordance with section 1637 of

the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115-91), as appropriate.

The committee directs the Secretary of Defense to provide a briefing to the House Committee on Armed Services by December 3, 2018, on the actions the combatant commands are taking to increase coordination and counter the activities posed by China and Russia.

Department of Defense Inspector General Audit of Foreign Military Sales

An efficient, thorough, and effective Foreign Military Sales (FMS) process is vital to U.S. foreign policy and national security, and contributes to the health of the U.S. defense industrial base. The committee is aware, however, of concerns raised by U.S. military leaders, the defense industry, and foreign partners that the FMS process is slow, cumbersome, and overly complicated.

Therefore, the committee directs the Inspector General of the Department of Defense to conduct an audit regarding Department of Defense implementation of FMS programs and, upon completion of the audit, to submit a final report to the Committees on Armed Services of the Senate and the House of Representatives, the Committee on Foreign Relations of the Senate, and the Committee on Foreign Affairs of the House of Representatives. The committee further directs the Inspector General to meet with the House Committee on Armed Services and the House Committee on Foreign Affairs not later than June 30, 2018, to scope the audit fully. Additionally, the committee directs the Inspector General to provide an interim briefing to the House Committee on Armed Services and the House Committee on Foreign Affairs not later than November 30, 2018, on the manner that it intends to conduct such audit.

Foreign Military Sales

A key element of the 2018 National Defense Strategy is to “strengthen alliances and attract new partners.” The committee is aware that the Department of Defense is making progress instituting the security cooperation reforms contained in the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328). The committee remains concerned, however, that the execution of foreign military sales (FMS) is not coordinated holistically across the Department to prioritize resources and effort in support of U.S. national security objectives and the defense industrial base. Consequently, acquisition decisions continue to be made in a stovepiped manner and without sufficient regard for the role of FMS. Therefore, the committee directs the Secretary of Defense to provide a briefing to the House Committee on Armed Services and the House Committee on Foreign Affairs by October 31, 2018, on the procedures instituted by the Department to integrate FMS and other security cooperation activities into the planning process for defense acquisition.

Additionally, the committee notes that there are separate and disparate efforts across the Department that develop, negotiate, and implement foreign

military sales for missile defense capability. This often leads to foreign partners not being provided price and availability for all potential systems that could meet their requirements, and the best solution to benefit both the partner nation and overall Department interests. Therefore, the committee directs the Under Secretary of Defense for Policy, in coordination with the Director of the Missile Defense Agency, Secretary of the Navy, and Secretary of the Army, to provide a briefing to the House Committee on Armed Services by November 30, 2018, on options to improve, consolidate, and streamline missile defense foreign military sales across the Department.

Further, the committee believes that production of additional foreign military sales variants may help mitigate risk to the supplier base and overall production capacity for precision guided munitions. Elsewhere in this report the committee encourages the Secretary of Defense to ensure that the AIM-120 advanced medium-range air-to-air missiles production line is kept at or near full capacity whenever possible, either by increasing production to fill U.S. military requirements or by supplementing production for the U.S. military with higher FMS production.

Improved Coordination of Activities in Africa with International Partners

The committee is aware that international partners such as the United Kingdom of Great Britain and Northern Ireland, the French Republic, Japan, and the United Arab Emirates, plus multinational organizations such as the European Union and African Union, and many others, conduct programs to build partner capacity in Africa. The committee is concerned that U.S. programs may be duplicative or in conflict with international partners' activities, or that gaps in capabilities are unaddressed.

The committee directs the Secretary of Defense, in consultation with the Secretary of State, to provide a briefing to the House Committee on Armed Services and the House Committee on Foreign Affairs by October 31, 2018, on the steps being taken to coordinate security cooperation activities in Africa with international partners.

International Armaments Cooperation

The committee appreciates that international armaments cooperation (IAC) involves cooperative research, development, test, and evaluation of defense technologies, systems, or equipment; joint production and follow-on support of defense articles or equipment; and procurement of foreign technology, equipment, systems or logistics support. The committee further appreciates that the Office of the Director of International Cooperation and the IAC Directorate are charged with performing managerial roles with respect to these important functions. However, the committee questions whether IAC is sufficiently utilized for strategic purposes and questions whether the Office of the Director of International Cooperation and the IAC Directorate are optimally situated to contribute to long-term policy making

and strategic oversight regarding Department of Defense security cooperation programs.

Therefore, the committee encourages the Secretary of Defense to evaluate the status of IAC within the Department of Defense and to consider the merits of realigning the Office of the Director of International Cooperation and the IAC Directorate from the Office of the Under Secretary of Defense for Acquisition and Sustainment to the Office of the Under Secretary of Defense for Policy. The committee also directs the Secretary of Defense to provide a briefing to the House Committee on Armed Services by October 31, 2018, on IAC, the Office of the Director of International Cooperation, and the IAC Directorate. At a minimum, the briefing shall include the following:

(1) a description of the dispositions, missions, roles, and responsibilities of all departmental offices with a role in IAC (to include the Office of the Director of International Cooperation, the IAC Directorate, and the Defense Security Cooperation Agency);

(2) an assessment of the advantages and disadvantages of the current organizational and operational structures related to IAC (to include the placement of the Office of the Director of International Cooperation and the IAC Directorate);

(3) an assessment of the merits of realigning the Office of the Director of International Cooperation or the IAC Directorate to the Office of the Under Secretary of Defense for Policy; and

(4) a discussion of the steps that have been, or may be, taken by the Department of Defense to improve IAC to achieve strategic objectives.

Multilateral Cooperation on the Korean Peninsula

The committee supports efforts between United States Forces Korea and the United Nations Command Sending States and certain countries to augment U.S. forces and forces of the Republic of Korea on the Korean peninsula.

The committee is pleased to see cooperation and participation among the United States, South Korea, United Nations Command Sending States, and certain countries in combined defense exercises. The committee further believes that these allies and partners can continue to play a vital role in contributing military assets for contingencies and capabilities in the naval and maritime domain as well as participating in training and exercises.

Therefore, the committee directs the Secretary of Defense, in coordination with the component commands, to provide a briefing to the Committee on Armed Services of the House of Representatives not later than December 1, 2018, on recommendations to strengthen coordination with liaison components and to broaden such cooperation, including information sharing, training and exercise opportunities, and integration and planning of multi-national forces into existing arrangements between the United States and South Korea.

Naval Mine Countermeasure Capability in the U.S. Central Command's Area of Operations

The committee recognizes the importance of the U.S. Navy's mine countermeasures (MCM) capability in protecting the free flow of commerce through the Suez Canal, the Strait of Hormuz, and the Bab al Mandeb Strait.

Therefore, the committee directs the Secretary of Defense to provide a briefing to the House Committee on Armed Services not later than September 30, 2018, on the MCM platforms that are capable of being readily deployed to U.S. Central Command's area of operations. This briefing should describe available MCM platforms, the time that would be required to clear relevant sea lanes of the mine threats posed by regional state and non-state actors including the Islamic Republic of Iran, the extent to which MCM training and exercises focus on potential mining contingencies in Middle Eastern waterways, and, if applicable, the extent to which U.S. MCM shortfalls could be covered by partner-country capabilities.

Non-Standard Acquisition in Foreign Military Sales

The committee is aware that foreign partners are increasingly considering U.S.-made capabilities through Foreign Military Sales (FMS) that are not currently a Department of Defense program of record. For FMS purposes, a non-standard article is one that the Department of Defense does not manage, either because an applicable end item has been retired or because it was never purchased for Department components; a non-standard service is one that the Department of Defense does not routinely provide for itself or for purchase. Likewise, the Department's building partner capacity (BPC) programs include acquisition of non-standard articles and services under defense security cooperation train and equip authorities. Consequently, there is an increasing need for the Department of Defense to provide adequate program-level support so that these systems can be sold to international partners and supported over the life-cycle of the program.

The committee is also aware that the military departments have, on a case-by-case basis, established program offices to support the foreign sale of certain non-standard articles. The committee is concerned, however, that these ad hoc efforts do not provide the support necessary to manage foreign partners' acquisition of non-standard articles and services across the Department of Defense in a holistic manner.

Therefore, the committee directs the Secretary of Defense to conduct a review of the acquisition of non-standard articles and services for FMS and BPC programs, and to provide a briefing to the House Committee on Armed Services and the House Committee on Foreign Affairs by October 31, 2018, on the results of the review. The briefing shall include the following with respect to foreign partners' acquisition of non-standard articles and services through FMS or BPC programs:

- (1) a description of current processes and procedures;
- (2) an overview of previous programs, and an assessment of future opportunities for such programs;

(3) the various options the Department of Defense could use to address this issue, including the advantages and disadvantages of each and funding requirements;

(4) statutory, regulatory, policy, or funding constraints related to the options in (3); and

(5) any other matter the Secretary considers appropriate.

Tactical Wheeled Vehicle Support to the Afghan National Defense and Security Forces

The committee notes that the Department of Defense works closely with the Afghan National Defense and Security Forces (ANDSF) to provide protected mobility as well as a wide-range of other capabilities based on military requirements, including ANDSF priorities as well as the ANDSF's capability to maintain and sustain such equipment. The committee understands the Combined Security Transition Command-Afghanistan (CSTC-A) conducted a tactical wheeled vehicle (TWV) optimization study in 2016 in support of the ANDSF with a focus on creating a sustainable, affordable, and effective fleet that would increase combat capability and force protection for occupants. It is unclear to the committee whether this study considered providing excess defense article mine resistant ambush protected (MRAP) vehicles to the ANDSF. The committee notes there are several thousand MRAP vehicles categorized as Excess Defense Articles (EDA) in the Department's inventory that could potentially be used to address protected mobility requirements for the ANDSF. The committee is aware the ANDSF are using MRAP vehicles and notes these vehicles provide for increased survivability and offensive power in combat operations. Further, the committee is aware of a recent letter of request by the Islamic Republic of Afghanistan for 738 MRAP vehicles.

Therefore, the committee directs the Under Secretary of Defense for Policy, in consultation with the Director, Defense Security Cooperation Agency, to provide a briefing to the House Committee on Armed Services by October 30, 2018, on the cost, operational survivability, and sustainability of EDA MRAP vehicles for the ANDSF, the status of the most recent letter of request for 738 MRAP vehicles for the ANDSF, and whether MRAP vehicles were considered as part of the most recent TWV optimization study conducted by CSTC-A. The briefing should also take into account cost, blast protection level, catastrophic losses to date of vehicles and numbers of Afghan soldiers killed in vehicles damaged by improvised explosive devices.

U.S. Military Education and Training Locations

The committee recognizes the importance of U.S. military leadership in advancing the North Atlantic Treaty Organization's mission to guarantee freedom and security in the alliance and around the world. As the 75th anniversary of D-Day and the allied invasion of Normandy, France, approaches, the committee notes the

significance of this event in history. As such, the committee believes the Cotentin Peninsula could serve as a potential location for Department of Defense activities to grow global partnerships and alliances.

Therefore, the committee directs the Secretary of Defense to submit a report to the House Committee on Armed Services and the Senate Committee on Armed Services not later than December 1, 2018, on the feasibility (including cost and availability of any suitable locations for potential activities) of activities to grow global partnerships and alliances on the Cotentin Peninsula prior to the 75th anniversary of the D-Day invasion in June 2019.

TITLE XVI—STRATEGIC PROGRAMS, CYBER, AND INTELLIGENCE MATTERS

ITEMS OF SPECIAL INTEREST

SPACE ACTIVITIES

Satellite Communications

The committee is aware that the Consolidated Appropriations Act, 2018 (Public Law 115-141) added two more Wideband Global Satellite Communications System (WGS) satellites. The committee also notes the increasing demand for satellite communications (SATCOM) capacity and the potential for increased contribution from commercial SATCOM providers. In addition, recognizing the growing capacity and resilience requirements, the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328) required that the pilot program required under section 1605 of the National Defense Authorization Act for Fiscal Year 2015 (Public Law 113-291) provide order-of-magnitude improvements in SATCOM capability.

The committee is aware of proven commercial SATCOM technology, including high capacity satellite communications technology, that delivers improvements in capacity and performance capabilities and supports operations in contested environments in a cost-effective manner. The committee supports the Department of Defense's request for multiyear procurement authority for these services.

Therefore, the committee directs the Secretary of Defense to submit a report to the Committee on Armed Services of the House of Representatives by December 1, 2018, including:

- (1) the costs associated with the procurement, operations, and sustainment of the additional WGS satellites, including life-cycle costs, and costs related to operations and maintenance, and launch;
- (2) an update on the status of the Air Force commercial SATCOM pilot and pathfinder programs, including an update on fulfilling the order-of-magnitude requirement, an explanation of the steps the Department is taking to expedite the

integration of commercially available high capacity satellite communications to meet the growing capacity demand and counter accelerating adversary communications denial capabilities, and whether the Air Force plans to use its existing authorities to solicit and award annual services contracts; and

(3) a comprehensive plan to modernize terminals and networking capability needed to access and adopt new multi-domain commercial communications technologies, multi-mode terminals and network.

NUCLEAR FORCES

Comptroller General Review of Plans to Swap B61 Bombs in Europe

The committee notes that the Department of Energy and the Department of Defense are carrying out a life extension program to maintain the safety, security, reliability, and credibility of B61 nuclear gravity bombs, and expect a first production unit of the updated B61-12 weapon to be available in late 2019. To swap legacy B61 bombs currently deployed in Europe in support of the North Atlantic Treaty Organization (NATO) for modern B61-12 bombs, the Air Force will conduct movements of nuclear weapons to and from Europe using certified military cargo aircraft. Initial planning for these movements is underway and the committee understands that such planning requires dialogue and close coordination with host nation governments.

To enable improved oversight of this planning, the committee directs the Comptroller General of the United States to submit a report to the Committees on Armed Services of the Senate and the House of Representatives by March 1, 2019, containing a review and assessment of the Department of Defense plans to swap B61 nuclear gravity bombs in Europe, including the following:

- (1) readiness of the military forces responsible for conducting and supporting the weapon movements;
- (2) coordination between the United States and allied host nations regarding the movements;
- (3) any potential actions that may be considered or planned to enhance surety and survivability; and
- (4) the Department of Defense's identification and mitigation of any risks to these plans.

CYBER-RELATED MATTERS

Cyber Scholarship Program

The budget request contained \$7.9 million in PE 33140D8Z, for the defense-wide Information Security Systems Program.

Section 1649 of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115-91) amended chapter 112 of title 10, United States Code, to establish the Department of Defense Cyber Scholarship Program. The committee

believes the Cyber Scholarship program may alleviate the challenges the Department of Defense is experiencing in recruiting and retaining cybersecurity personnel. Additionally, the committee believes that providing additional opportunities under the program will be beneficial in addressing Department requirements for a qualified cyber workforce, especially if the Department focuses on educating the public and relevant academic institutions about this program. The committee also believes that Reserve Officer Training Corps (ROTC) programs at universities that offer degrees in cyber studies and related fields provide an opportunity to leverage and expand partnerships to assist in closing the gap of trained cyber warriors in the military.

Therefore, the committee recommends \$17.9 million, an increase of \$10.0 million, in PE 33140D8Z.

Further, the committee directs the Secretary of Defense to provide a briefing to the House Committee on Armed Services by February 1, 2019, on the implementation and utilization of the Cyber Scholarship Program, to include efforts to educate the public and focus on institutions with high-quality computer science, engineering, and cybersecurity programs, including historically black colleges and universities, and minority-serving institutions. The briefing should also include implementation and utilization of efforts to leverage ROTC at institutions with cyber studies as a way to expand the pool of talented technical applicants.

INTELLIGENCE MATTERS

Foundational Intelligence Analysis Modernization

The committee believes the Department of Defense must ensure that the defense intelligence enterprise has modern tools that can quickly integrate new technologies to assist analysts providing intelligence to support operations and acquisition activities. The committee is aware of the Department's efforts to modernize intelligence capabilities; however, the committee is concerned by a lack of urgency in modernizing the defense intelligence enterprise's capabilities to provide foundational intelligence to the combatant commands and the military services. Therefore, the committee directs the Joint Staff Director for Intelligence, in coordination with the Under Secretary of Defense for Intelligence and the Director of the Defense Intelligence Agency (DIA), to develop a plan by October 1, 2018, to modernize systems used to provide foundational intelligence. Further, the committee directs the Joint Staff Director for Intelligence, in coordination with the DIA Director, to provide a briefing to the House Committee on Armed Services by November 1, 2018, on such plan to modernize foundational intelligence systems. If a determination is made that a new system is required, the committee expects the Battlespace Awareness Functional Capabilities Board to validate the requirements for any new system, and that the acquisition plan will follow best practices for the rapid acquisition and improvement of technology dependent systems.

Intelligence Combat Support Agencies

The committee commends the work of the Under Secretary of Defense for Intelligence to answer a request in the Intelligence Authorization Act for Fiscal Year 2017 (division N of Public Law 115-31) to review the roles and missions of the Defense Intelligence Agency. The committee agrees with the Under Secretary's finding identifying a gap in Department of Defense coordination of the functions of the Combat Support Agencies (CSA) that also are members of the intelligence community. The directors of these agencies report to both the Secretary of Defense and the Director of National Intelligence, but these agencies lack a framework to balance the resourcing and mission conflicts this bifurcated chain of command can occasionally cause. Therefore, not later than October 1, 2018, the committee directs the Secretary of Defense, in consultation with the Director of National Intelligence, to develop policies that outline the process to balance the missions under the Combat Support Agency role with the missions and functions assigned by the intelligence community. These policies must address a process for assigning and integrating any new missions assigned by the Department of Defense or the intelligence community. The committee further directs the Secretary of Defense, in consultation with the Director of National Intelligence, to provide a briefing to the House Committee on Armed Services and the Permanent Select Committee on Intelligence of the House of Representatives not later than October 15, 2018, on the plan to develop these policies.

Intelligence Support to Cyber Operations

The committee is concerned about the Defense Intelligence Enterprise's ability to provide the cyber community with all-source intelligence support, consistent with the support provided to operations in other domains. Therefore, the committee directs the Under Secretary of Defense for Intelligence, in coordination with the Defense Intelligence Agency and the military services, to provide a briefing to the House Committee on Armed Services and the House Permanent Select Committee on Intelligence by December 1, 2018, on intelligence support to cyber operations. The briefing should include efforts to standardize a common military intelligence lexicon and doctrine for intelligence preparation of the battlefield for cyber operations, efforts to develop all-source intelligence analysts with the capability to support cyber operations, and efforts to fully resource intelligence analysis support elements at U.S. Cyber Command and the service cyber components.

Science, Technology, Engineering, and Math Careers in Defense Intelligence

The committee is concerned about the Defense Intelligence Agency's (DIA) ability to attract and maintain adequate science, technology, engineering, and math (STEM) professionals. Specifically, the committee is concerned about career progression in the science and technology intelligence (S&TI) field at the Service Intelligence Centers and the Missile and Space Intelligence Center. Therefore, the committee directs the Director of DIA to provide a briefing to the House Committee

on Armed Services not later than December 1, 2018, on a plan to develop a STEM career program that attracts and maintains the defense intelligence cadre of S&TI analysts to meet tomorrow's threats.

Security and Intelligence Role in Export Control

The committee is concerned about the coordination of security and technology protection issues involved in the export control process managed for the Department of Defense by the Under Secretary of Defense for Policy. The committee understands export controls support the Department's broad policy objectives to build relationships with partner nations, but the committee believes the risks of technology transfer deserve close scrutiny by the intelligence and security communities. Therefore, the committee directs the Under Secretary of Defense for Policy, in coordination with the Under Secretary of Defense for Intelligence, to provide a briefing to the House Committee on Armed Services not later than October 1, 2018, on security support to export control.

Strengthening Oversight of the Military Intelligence Program Budget

The committee is aware of a recent draft Government Accountability Office report on the Military Intelligence Program (MIP) that identifies a lack of clear and definitive guidance about which programs, projects, and activities should be assigned to the MIP. As a result, there may be intelligence and intelligence-related capabilities resourced outside of the MIP. Conversely, the committee believes there are MIP resources allocated to programs, projects, and activities that do not primarily support the Secretary of Defense's intelligence, counterintelligence, and related intelligence responsibilities and requirements. Thus, the Department of Defense's ability to make informed decisions to balance appropriate resources against programs, projects, or activities is limited.

The committee believes the Under Secretary of Defense for Intelligence (USDI) should take measures to more clearly define guidance about which programs, projects, or activities should be assigned to the MIP using the Joint Publication's definition of intelligence. Therefore, the committee directs USDI to review all of the Department's intelligence, counterintelligence, and related intelligence programs, projects, and activities supporting the Secretary's responsibilities and requirements. The review shall also include programs, projects, and activities potentially funded outside of the MIP. In conducting the review, the committee expects USDI to note that the committee believes resources for sensors integral to the function of weapon systems, sensors and systems developed for space and missile defense, and resources for activities and programs associated with Operational Preparation of the Environment and Nonconventional Assisted Recovery are in support of operational requirements, and should be excluded from designation to the MIP.

Further, the committee directs USDI to provide a briefing to the Committees on Armed Services of the Senate and the House of Representatives by

March 1, 2019, on the results of the review, including how the review will result in clear guidance on designation of programs, projects, and activities to the MIP.

DIVISION B—MILITARY CONSTRUCTION AUTHORIZATIONS

TITLE XXVIII—MILITARY CONSTRUCTION GENERAL PROVISIONS

ITEMS OF SPECIAL INTEREST

Comptroller General Review of Utilities Privatization

The committee continues to support the utility privatization program and other alternative financing arrangements to achieve greater efficiencies, improve reliability and resiliency of utility systems, and reduce operating costs to the Department of Defense. While the Department has leveraged this authority for approximately 20 years, the committee notes with concern the amount of time it can take to complete a utility privatization project, from initial feasibility review by the military department to award of a contract to a utility provider. The committee is aware of instances where the process took more than 5 years from analysis to award. After two decades of experience with utilities privatization, the committee is concerned that procedures have not improved. The Department's protracted process for awarding privatization contracts deters potential utility providers from considering such a contract .

Therefore, the committee directs the Comptroller General of the United States to review the Department's utility privatization program and submit a report to the Committees on Armed Services of the Senate and the House of Representatives not later than September 30, 2019, on his findings and recommendations. Specifically, the report shall address the following for each military service:

- (1) the specific steps of the utility privatization process, the average amount of time to complete each step, and the contributing factors for the time each step takes;
- (2) the extent to which best practices have been identified and are shared between the services and the Defense Logistics Agency, and other stakeholders to improve the process; and
- (3) any recommendations to help improve the process as determined to be appropriate by the Comptroller General.

DIVISION C—DEPARTMENT OF ENERGY NATIONAL SECURITY AUTHORIZATIONS AND OTHER AUTHORIZATIONS

TITLE XXXI—DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS

ITEMS OF SPECIAL INTEREST

NATIONAL NUCLEAR SECURITY ADMINISTRATION

Weapons Activities

Domestic uranium

The committee understands that recent market trends, foreign competition, and other factors have had significant negative impacts on the nation's domestic uranium industry. For instance, the domestic uranium mining industry has diminished such that in recent years domestic suppliers provide less than 5 percent of U.S. demand for uranium. Additionally, all domestically owned uranium enrichment facilities have been closed.

The National Nuclear Security Administration (NNSA) is conducting an analysis of alternatives (AOA), due for completion in 2020, regarding if and how to reconstitute a domestic uranium enrichment capability for national security purposes. In its review of NNSA's AOA guidance, the Comptroller General of the United States found that NNSA's mission needs statement was limited in scope, showed preference toward a particular solution, and did not include the potential for enrichment facilities that meet multiple mission needs beyond just tritium production. The Comptroller General also found that NNSA's cost estimates for two potential enrichment technologies, which ranged from \$3.8 billion to \$14.0 billion depending on the technology and assumptions, only partially or minimally met best practice standards for being comprehensive, credible, well-documented, and accurate.

The committee also notes that policy changes must be considered as part of the AOA, including changes that would enable the current supply of unobligated fuel to last longer and changes that would revise domestic policies or international agreements regarding limitations on the use of obligated fuel. The committee believes this AOA must be comprehensive and data-driven, and expects NNSA to update the mission needs statement and AOA guidance to address the Government Accountability Office's recommendations.

While the AOA is underway, the committee believes NNSA must be mindful of ensuring U.S. technical expertise for uranium does not atrophy and that both mature and less-mature technology options continue to be advanced. The committee also believes NNSA and the wider Federal Government must be mindful of any short- or long-term implications for national security if the domestic uranium industry as a whole is moribund.

To enable its oversight of these issues, the committee directs the Administrator for Nuclear Security, in consultation with appropriate officials from

the Department of Energy and other agencies, to provide a briefing to the Committees on Armed Services of the Senate and the House of Representatives by November 30, 2018, on the state of the domestic uranium industry in general, its impacts on national security, and the status of NNSA's ongoing analysis of alternatives related to domestic uranium enrichment. Such briefing should include:

(1) an assessment of commercial market trends, Department of Energy excess uranium sales, Federal regulations and policies, enrichment capacity, and foreign imports;

(2) details on how NNSA is sustaining technical expertise in domestically owned uranium enrichment technologies while its analysis of alternatives is ongoing and no domestically owned source of enriched uranium is operational;

(3) NNSA's plans to revise and clarify the mission needs statement, as recommended by the Comptroller General;

(4) how NNSA intends to consider a comprehensive range of options in the AOA, including policy changes such as reexamining the mixture of obligated and unobligated fuel used in reactors in proportion to tritium production and energy production, and revisions regarding limitations on the use of obligated fuel;

(5) how NNSA will ensure that cost estimates of all options are consistent with best practices, and how the cost estimates are aligned with the updated scope of need.

Fusion technology pathways

The committee is aware of several different paths that may, some day, lead to viable fusion-based energy production and believes such a breakthrough would have extraordinary implications for energy security, national security, and the world in general. The committee is also cognizant that fusion-based energy production has been a long-sought outcome of the high energy density physics community, but has yet to yield anticipated results. The committee understands that tokamak technology is of particular interest in the scientific community for its potential to achieve viability for fusion energy production.

To better understand the state of science and technology development in this field, the committee directs the Administrator for Nuclear Security, in coordination with the directors of appropriate national laboratories and appropriate officials of the Department of Energy, to provide a briefing to the Committee on Armed Services of the House of Representatives by February 1, 2019, on fusion energy technology development. Such briefing should review and assess all potential fusion technology paths, particularly technologies related to the tokamaks and the use of divertor test facilities to better understand remaining challenges for dealing with hot plasma exhaust. In addition, the briefing should assess fusion technology paths, their viability as a potential future power source, remaining risks and challenges associated with such technologies, any complementary research and development that is needed or ongoing, any implications of such research and technologies for the programs of the National Nuclear Security Administration, and

any other matters the Administrator determines appropriate to enhance the committee's oversight and understanding.

Inertial Confinement Fusion

The budget request included \$418.9 million for the Inertial Confinement Fusion (ICF) Ignition and High Yield program at the National Nuclear Security Administration (NNSA).

In the absence of nuclear explosive testing, this program provides for specialized expertise and unique facilities to better understand high energy density science and the operation of nuclear weapons. The budget request proposed a significant decrease in funding for ICF, including initiation of "a three-year ramp-down in NNSA's financial commitment to ... the Omega Laser Facility, resulting in the cessation of the financial assistance agreement," and reductions in funding for both ignition and non-ignition experiments at the National Ignition Facility.

The committee is encouraged by NNSA's proposal to rebalance and prioritize funding for programs and capabilities that directly support NNSA's deliverables to the Department of Defense, recapitalize NNSA's aging infrastructure, and prepare for an uncertain future. The committee also notes that the ICF program has, so far, failed to achieve fusion ignition, an outcome that was long-promised on specific timelines. However, the committee also believes that NNSA must carefully consider the impacts of its deep proposed reduction to the ICF program, particularly on the long-term pipeline of expertise and the sustainment of unique capabilities upon which certification of the U.S. nuclear stockpile has depended since the cessation of nuclear explosive testing.

To better understand these impacts and deliverables, the committee directs the Administrator for Nuclear Security to provide a briefing to the Committees on Armed Services of the Senate and the House of Representatives by September 1, 2018, on NNSA's plans for the ICF program. Such briefing should include the impacts of the proposed budget reductions, any risks and risk mitigation options, the sustainability of facilities and infrastructure related to the ICF program, plans for maintaining a robust pipeline of experts in high energy density science and ICF at NNSA, clear criteria and milestones for measuring ICF program performance against measurable goals, an evaluation of ICF lines of efforts against stated goals, and such other matters as the Administrator determines relevant.

The committee recommends \$467.9 million, an increase of \$49.0 million, for the ICF program.

ADDENDUM: SUMMARY TABLES

* NOTE: THE SUMMARY TABLES ARE INFORMATIONAL ONLY AND WILL
BE INCLUDED AS PART OF THE COMMITTEE REPORT

SUMMARY OF NATIONAL DEFENSE AUTHORIZATIONS FOR FISCAL YEAR 2019

(In Thousands of Dollars)

	FY 2019 Request	House Change	House Authorized
DISCRETIONARY AUTHORIZATIONS WITHIN THE JURISDICTION OF THE ARMED SERVICES COMMITTEE			
National Defense Funding, Base Budget Request			
Function 051, Department of Defense-Military			
Division A: Department of Defense Authorizations			
Title I—Procurement			
Aircraft Procurement, Army	3,782,558	223,270	4,005,828
Missile Procurement, Army	3,355,777	494,338	3,850,115
Weapons & Tracked Combat Vehicles, Army	4,489,118	1,368,521	5,857,639
Procurement of Ammunition, Army	2,234,761	251,661	2,486,422
Other Procurement, Army	7,999,529	395,925	8,395,454
Aircraft Procurement, Navy	19,041,799	–310,450	18,731,349
Weapons Procurement, Navy	3,702,393	175,200	3,877,593
Procurement of Ammunition, Navy & Marine Corps	1,006,209		1,006,209
Shipbuilding & Conversion, Navy	21,871,437	1,852,100	23,723,537
Other Procurement, Navy	9,414,355	–377,325	9,037,030
Procurement, Marine Corps	2,860,410	19,900	2,880,310
Aircraft Procurement, Air Force	16,206,937	–716,316	15,490,621
Missile Procurement, Air Force	2,669,454		2,669,454
Space Procurement, Air Force	2,527,542	5,000	2,532,542
Procurement of Ammunition, Air Force	1,587,304		1,587,304
Other Procurement, Air Force	20,890,164	–222,450	20,667,714
Procurement, Defense-Wide	6,786,271	–18,000	6,768,271
Joint Urgent Operational Needs Fund	100,025	–100,025	0
Subtotal, Title I—Procurement	130,526,043	3,041,349	133,567,392
Title II—Research, Development, Test and Evaluation			
Research, Development, Test & Evaluation, Army	10,159,379	157,200	10,316,579
Research, Development, Test & Evaluation, Navy	18,481,666	–58,050	18,423,616
Research, Development, Test & Evaluation, Air Force	40,178,343	711,100	40,889,443
Research, Development, Test & Evaluation, Defense- Wide	22,016,553	103,950	22,120,503
Operational Test & Evaluation, Defense	221,009		221,009
Subtotal, Title II—Research, Development, Test and Evaluation	91,056,950	914,200	91,971,150
Title III—Operation and Maintenance			
Operation & Maintenance, Army	42,009,317	–2,787,388	39,221,929
Operation & Maintenance, Army Reserve	2,916,909	30,000	2,946,909
Operation & Maintenance, Army National Guard	7,399,295	70,000	7,469,295
Operation & Maintenance, Navy	49,003,633	–673,430	48,330,203
Operation & Maintenance, Marine Corps	6,832,510	78,100	6,910,610
Operation & Maintenance, Navy Reserve	1,027,006	10,000	1,037,006
Operation & Maintenance, Marine Corps Reserve	271,570	16,700	288,270
Operation & Maintenance, Air Force	42,060,568	–78,900	41,981,668
Operation & Maintenance, Air Force Reserve	3,260,234	50,600	3,310,834
Operation & Maintenance, Air National Guard	6,427,622	23,900	6,451,522

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SUMMARY OF NATIONAL DEFENSE AUTHORIZATIONS FOR FISCAL YEAR 2019—Continued

(In Thousands of Dollars)

	FY 2019 Request	House Change	House Authorized
Operation & Maintenance, Defense-Wide	36,352,625	-750,825	35,601,800
US Court of Appeals for the Armed Forces, Defense ...	14,662		14,662
DoD Acquisition Workforce Development Fund	400,000		400,000
Overseas Humanitarian, Disaster and Civic Aid	107,663		107,663
Cooperative Threat Reduction	335,240		335,240
Environmental Restoration, Army	203,449	10,000	213,449
Environmental Restoration, Navy	329,253	10,000	339,253
Environmental Restoration, Air Force	296,808	50,000	346,808
Environmental Restoration, Defense	8,926		8,926
Environmental Restoration, Formerly Used Sites	212,346		212,346
Subtotal, Title III—Operation and Maintenance	199,469,636	-3,941,243	195,528,393
Title IV—Military Personnel			
Military Personnel Appropriations	140,689,301	-697,500	139,991,801
Medicare-Eligible Retiree Health Fund Contributions ...	7,533,090		7,533,090
Subtotal, Title IV—Military Personnel	148,222,391	-697,500	147,524,891
Title XIV—Other Authorizations			
Working Capital Fund, Army	158,765		158,765
Working Capital Fund, Air Force	69,054		69,054
Working Capital Fund, DECA	48,096		48,096
Working Capital Fund, Defense-Wide	1,266,200		1,266,200
National Defense Sealift Fund	0	816,752	816,752
Chemical Agents & Munitions Destruction	993,816		993,816
Drug Interdiction and Counter Drug Activities	787,525	20,000	807,525
Office of the Inspector General	329,273	5,000	334,273
Defense Health Program	33,729,192	-472,500	33,256,692
Subtotal, Title XIV—Other Authorizations	37,381,921	369,252	37,751,173
Total, Division A: Department of Defense Authoriza- tions	606,656,941	-313,942	606,342,999
Division B: Military Construction Authorizations			
Military Construction			
Army	1,011,768	84,100	1,095,868
Navy	2,543,189	-4,291	2,538,898
Air Force	1,725,707	-154,934	1,570,773
Defense-Wide	2,693,324	-219,986	2,473,338
NATO Security Investment Program	171,064		171,064
Army National Guard	180,122	11,000	191,122
Army Reserve	64,919	23,000	87,919
Navy and Marine Corps Reserve	43,065		43,065
Air National Guard	129,126	62,000	191,126
Air Force Reserve	50,163	84,800	134,963
Unaccompanied Housing Improvement Fund	600		600
Subtotal, Military Construction	8,613,047	-114,311	8,498,736
Family Housing			
Construction, Army	330,660		330,660

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SUMMARY OF NATIONAL DEFENSE AUTHORIZATIONS FOR FISCAL YEAR 2019—Continued

(In Thousands of Dollars)

	FY 2019 Request	House Change	House Authorized
Operation & Maintenance, Army	376,509		376,509
Construction, Navy and Marine Corps	104,581		104,581
Operation & Maintenance, Navy and Marine Corps	314,536		314,536
Construction, Air Force	78,446		78,446
Operation & Maintenance, Air Force	317,274		317,274
Operation & Maintenance, Defense-Wide	58,373		58,373
Improvement Fund	1,653		1,653
Subtotal, Family Housing	1,582,032	0	1,582,032
Base Realignment and Closure			
Base Realignment and Closure—Army	62,796	18,110	80,906
Base Realignment and Closure—Navy	151,839	19,110	170,949
Base Realignment and Closure—Air Force	52,903	18,110	71,013
Subtotal, Base Realignment and Closure	267,538	55,330	322,868
Prior Year Savings	0	-71,158	-71,158
Total, Division B: Military Construction Authoriza- tions	10,462,617	-130,139	10,332,478
Total, 051, Department of Defense-Military	617,119,558	-444,081	616,675,477
Division C: Department of Energy National Security Authorization and Other Authorizations			
Function 053, Atomic Energy Defense Activities			
Environmental and Other Defense Activities			
Nuclear Energy	136,090		136,090
Weapons Activities	11,017,078	198,000	11,215,078
Defense Nuclear Nonproliferation	1,862,825	127,000	1,989,825
Naval Reactors	1,788,618		1,788,618
Federal Salaries and Expenses	422,529	-18,000	404,529
Defense Environmental Cleanup	5,630,217	50,000	5,680,217
Other Defense Activities	853,300		853,300
Defense Nuclear Waste Disposal	30,000		30,000
Subtotal, Environmental and Other Defense Activi- ties	21,740,657	357,000	22,097,657
Independent Federal Agency Authorization			
Defense Nuclear Facilities Safety Board	31,243		31,243
Subtotal, Independent Federal Agency Authorization	31,243	0	31,243
Subtotal, 053, Atomic Energy Defense Activities	21,771,900	357,000	22,128,900
Function 054, Defense-Related Activities			
Other Agency Authorizations			
Maritime Security Program	214,000	86,000	300,000
Subtotal, Independent Federal Agency Authorization	214,000	86,000	300,000

SUMMARY OF NATIONAL DEFENSE AUTHORIZATIONS FOR FISCAL YEAR 2019—Continued

(In Thousands of Dollars)

	FY 2019 Request	House Change	House Authorized
Subtotal, 054, Defense-Related Activities	214,000	86,000	300,000
Subtotal, Division C: Department of Energy National Security Authorization and Other Authorizations ..	21,985,900	443,000	22,428,900
Total, National Defense Funding, Base Budget Re- quest	639,105,458	-1,081	639,104,377

National Defense Funding, Overseas Contingency Operations

Function 051, Department of Defense-Military

Procurement

Aircraft Procurement, Army	363,363	-54,270	309,093
Missile Procurement, Army	1,802,351	-646,938	1,155,413
Weapons & Tracked Combat Vehicles, Army	1,107,183	-1,095,521	11,662
Procurement of Ammunition, Army	309,525	-211,661	97,864
Other Procurement, Army	1,382,047	-273,125	1,108,922
Aircraft Procurement, Navy	80,119		80,119
Weapons Procurement, Navy	14,134		14,134
Procurement of Ammunition, Navy & Marine Corps	246,541		246,541
Other Procurement, Navy	187,173		187,173
Procurement, Marine Corps	58,023		58,023
Aircraft Procurement, Air Force	1,018,888	-192,700	826,188
Missile Procurement, Air Force	493,526		493,526
Procurement of Ammunition, Air Force	1,421,516		1,421,516
Other Procurement, Air Force	3,725,944		3,725,944
Procurement, Defense-Wide	572,135		572,135
National Guard & Reserve Equipment	0	150,000	150,000
Subtotal, Procurement	12,782,468	-2,324,215	10,458,253

Research, Development, Test and Evaluation

Research, Development, Test & Evaluation, Army	325,104	-40,000	285,104
Research, Development, Test & Evaluation, Navy	167,812		167,812
Research, Development, Test & Evaluation, Air Force	314,271		314,271
Research, Development, Test & Evaluation, Defense- Wide	500,544		500,544
Subtotal, Research, Development, Test and Evalua- tion	1,307,731	-40,000	1,267,731

Operation and Maintenance

Operation & Maintenance, Army	18,210,500	2,314,057	20,524,557
Operation & Maintenance, Army Reserve	41,887		41,887
Operation & Maintenance, Army National Guard	110,729		110,729
Afghanistan Security Forces Fund	5,199,450		5,199,450
Counter-ISIS Train & Equip Fund	1,400,000		1,400,000
Operation & Maintenance, Navy	4,757,155		4,757,155
Operation & Maintenance, Marine Corps	1,121,900		1,121,900
Operation & Maintenance, Navy Reserve	25,637		25,637
Operation & Maintenance, Marine Corps Reserve	3,345		3,345

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SUMMARY OF NATIONAL DEFENSE AUTHORIZATIONS FOR FISCAL YEAR 2019—Continued

(In Thousands of Dollars)

	FY 2019 Request	House Change	House Authorized
Operation & Maintenance, Air Force	9,285,789		9,285,789
Operation & Maintenance, Air Force Reserve	60,500		60,500
Operation & Maintenance, Air National Guard	15,870		15,870
Operation & Maintenance, Defense-Wide	8,549,908	-200,000	8,349,908
Ukraine Security Assistance	0	250,000	250,000
Subtotal, Operation and Maintenance	48,782,670	2,364,057	51,146,727
Military Personnel			
Military Personnel Appropriations	4,660,661		4,660,661
Subtotal, Military Personnel	4,660,661	0	4,660,661
Other Authorizations			
Working Capital Fund, Army	6,600		6,600
Working Capital Fund, Air Force	8,590		8,590
Drug Interdiction and Counter Drug Activities	153,100		153,100
Office of the Inspector General	24,692		24,692
Defense Health Program	352,068		352,068
Subtotal, Other Authorizations	545,050	0	545,050
Military Construction			
Army	261,250	-69,000	192,250
Navy	227,320		227,320
Air Force	345,800	69,000	414,800
Defense-Wide	87,050		87,050
Subtotal, Military Construction	921,420	0	921,420
Total, National Defense Funding, Overseas Contingency Operations	69,000,000	-158	68,999,842
Total, National Defense	708,105,458	-1,239	708,104,219
MEMORANDUM: NON-DEFENSE AUTHORIZATIONS			
Title XIV—Armed Forces Retirement Home (Function 600)	64,300		64,300
Title XXXIV—Naval Petroleum and Oil Shale Reserves (Function 270)	10,000		10,000
MEMORANDUM: TRANSFER AUTHORITIES (NON-ADD)			
Title X—General Transfer Authority	[5,000,000]		[5,000,000]
Title XV—Special Transfer Authority	[4,500,000]		[4,500,000]
MEMORANDUM: DEFENSE AUTHORIZATIONS NOT UNDER THE JURISDICTION OF THE ARMED SERVICES COMMITTEE (NON-ADD)			
Defense Production Act	[38,578]		[38,578]

NATIONAL DEFENSE BUDGET AUTHORITY IMPLICATION

(In Thousands of Dollars)

	FY 2019 Request	House Change	House Authorized
Summary, Discretionary Authorizations Within the Jurisdiction of the Armed Services Committee			
SUBTOTAL, DEPARTMENT OF DEFENSE (051)	617,119,558	-444,081	616,675,477
SUBTOTAL, ATOMIC ENERGY DEFENSE PROGRAMS (053)	21,771,900	357,000	22,128,900
SUBTOTAL, DEFENSE-RELATED ACTIVITIES (054)	214,000	86,000	300,000
TOTAL, NATIONAL DEFENSE (050)—BASE BILL	639,105,458	-1,081	639,104,377
TOTAL, OVERSEAS CONTINGENCY OPERATIONS	69,000,000	-158	68,999,842
GRAND TOTAL, NATIONAL DEFENSE	708,105,458	-1,239	708,104,219
Scoring adjustments to account for transfers out already credited to 050 by OMB			
Transfers to non-Defense budget functions	-128,000		-128,000
Subtotal, Budget Sub-Function 051	-128,000		-128,000
Base National Defense Discretionary Programs that are Not In the Jurisdiction of the Armed Services Committee or Do Not Require Additional Authorization (CBO Estimates)			
Defense Production Act Purchases	39,000		39,000
Indefinite Account: Disposal Of DOD Real Property	8,000		8,000
Indefinite Account: Lease Of DOD Real Property	36,000		36,000
Subtotal, Budget Sub-Function 051	83,000		83,000
Formerly Utilized Sites Remedial Action Program	120,000		120,000
Subtotal, Budget Sub-Function 053	120,000		120,000
Other Discretionary Programs	7,819,542		7,819,542
Subtotal, Budget Sub-Function 054	7,819,542		7,819,542
Total Defense Discretionary Adjustments (050)	8,022,542		8,022,542
Budget Authority Implication, National Defense Discretionary			
Department of Defense--Military (051)	686,074,558	-444,239	685,630,319
Atomic Energy Defense Activities (053)	21,891,900	357,000	22,248,900
Defense-Related Activities (054)	8,033,542	86,000	8,119,542
Total BA Implication, National Defense Discretionary	716,000,000	-1,239	715,998,761
National Defense Mandatory Programs, Current Law (CBO Baseline)			
Concurrent receipt accrual payments to the Military Retirement Fund	7,720,000		7,720,000
Revolving, trust and other DOD Mandatory	1,794,000		1,794,000
Offsetting receipts	-1,855,000		-1,855,000
Subtotal, Budget Sub-Function 051	7,659,000		7,659,000
Energy employees occupational illness compensation programs and other	1,277,000		1,277,000
Subtotal, Budget Sub-Function 053	1,277,000		1,277,000
Radiation exposure compensation trust fund	50,000		50,000
Payment to CIA retirement fund and other	514,000		514,000
Subtotal, Budget Sub-Function 054	564,000		564,000
Total National Defense Mandatory (050)	9,500,000		9,500,000
Budget Authority Implication, National Defense Discretionary and Mandatory			
Department of Defense--Military (051)	693,733,558	-444,239	693,289,319
Atomic Energy Defense Activities (053)	23,168,900	357,000	23,525,900

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NATIONAL DEFENSE BUDGET AUTHORITY IMPLICATION—Continued

(In Thousands of Dollars)

	FY 2019 Request	House Change	House Authorized
Defense-Related Activities (054)	8,597,542	86,000	8,683,542
Total BA Implication, National Defense Discretionary and Mandatory	725,500,000	-1,239	725,498,761