

H.R. 6395—FY21 NATIONAL DEFENSE AUTHORIZATION BILL

CHAIRMAN’S MARK

SUMMARY OF BILL LANGUAGE.....	1
BILL LANGUAGE.....	36
DIRECTIVE REPORT LANGUAGE	405
ADDENDUM: SUMMARY TABLES.....	425

***NOTE: THE SUMMARY TABLES ARE FOR INFORMATION ONLY AND
WILL BE INCLUDED AS PART OF THE COMMITTEE REPORT**

SUMMARY OF BILL LANGUAGE

Table Of Contents

DIVISION A—DEPARTMENT OF DEFENSE AUTHORIZATIONS

TITLE I—PROCUREMENT

LEGISLATIVE PROVISIONS

SUBTITLE A—AUTHORIZATION OF APPROPRIATIONS

Section 101—Authorization of Appropriations

TITLE II—RESEARCH, DEVELOPMENT, TEST, AND EVALUATION

LEGISLATIVE PROVISIONS

SUBTITLE A—AUTHORIZATION OF APPROPRIATIONS

Section 201—Authorization of Appropriations

SUBTITLE B—PROGRAM REQUIREMENTS, RESTRICTIONS, AND LIMITATIONS

Section 211—Modification of Science, Mathematics, and Research for Transformation (SMART) Defense Education Program

Section 213—Codification of the National Security Innovation Network

Section 216—Digital Data Management and Analytics Capability

TITLE III—OPERATION AND MAINTENANCE

LEGISLATIVE PROVISIONS

SUBTITLE A—AUTHORIZATION OF APPROPRIATIONS

Section 301—Authorization of Appropriations

SUBTITLE C—LOGISTICS AND SUSTAINMENT

Section 333—Independent Advisory Panel on Weapon System Sustainment

Section 335—Materiel Readiness Metrics and Objectives for Major Weapon Systems

SUBTITLE E—OTHER MATTERS

Section 351—Pilot Program for Temporary Issuance of Maternity-Related Uniform Items

Section 352—Servicewomen's Commemorative Partnerships

TITLE V—MILITARY PERSONNEL POLICY

LEGISLATIVE PROVISIONS

SUBTITLE F—MILITARY FAMILY READINESS AND DEPENDENTS' EDUCATION

Section 554—Continued Assistance to Schools with Significant Numbers of Military Dependent Students

TITLE VI—COMPENSATION AND OTHER PERSONNEL BENEFITS

LEGISLATIVE PROVISIONS

SUBTITLE A—PAY AND ALLOWANCES

Section 603—Reorganization of Certain Allowances other than Travel and Transportation Allowances

SUBTITLE C—FAMILY AND SURVIVOR BENEFITS

Section 624—Study on Feasibility of TSP Contributions by Military Spouses

SUBTITLE E—OTHER PERSONNEL BENEFITS

Section 641—Maintenance of Funding for Stars and Stripes
**TITLE VIII—ACQUISITION POLICY, ACQUISITION
MANAGEMENT, AND RELATED MATTERS**

LEGISLATIVE PROVISIONS

SUBTITLE A—ACQUISITION POLICY AND MANAGEMENT

Section 801—Congressional Notification of Termination of a Middle Tier
Acquisition Program

Section 802—Modification to the Definition of Nontraditional Defense
Contractor

Section 803—Contractor Business Systems

Section 804—Acquisition Authority of the Director of the Joint Artificial
Intelligence Center

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

Section 811—Contractor Whistleblower Protections Relating to Nondisclosure
Agreements

Section 812—Inclusion of Optical Transmission Components in the Analytical
Framework for Supply Chain Risks

Section 813—Modifications to Comptroller General Assessment of Acquisition
Programs and Related Initiatives

Section 814—Amendment to Definition of Qualified Apprentice

Section 815—Contract Closeout Authority for Services Contracts

Section 816—Disclosure of Beneficial Owners in Database for Federal Agency
Contract and Grant Officers

Section 817—Sustainment Reform for the Department of Defense

SUBTITLE C—INDUSTRIAL BASE MATTERS

Section 821—Quarterly National Technology and Industrial Base Briefings

Section 822—Modifications to Supervision and Award of Certain Contracts

Section 823—Amendments to Submissions to Congress Relating to Certain
Foreign Military Sales

Section 824—Revisions to Requirement to Use Firm Fixed-Price Contracts for
Foreign Military Sales

Section 825—Small Business Industrial Base Resiliency Program

Section 826—Assessment of the Requirements Processes of the Military
Departments

Section 827—Report on Transfer and Consolidation of Certain Defense
Acquisition Statutes

**TITLE IX—DEPARTMENT OF DEFENSE ORGANIZATION AND
MANAGEMENT**

LEGISLATIVE PROVISIONS

Section 901—Assistant Secretary of Defense for Industrial Base Policy

Section 902—Assistant Secretary of Defense for Space and Strategic Deterrence
Policy

Section 904—Establishment of Deputy Assistant Secretaries for Sustainment

TITLE X—GENERAL PROVISIONS

LEGISLATIVE PROVISIONS

SUBTITLE A—FINANCIAL MATTERS

Section 1001—General Transfer Authority

Section 1002—Determination of Budgetary Effects

Section 1003—Pandemic Preparedness and Resilience National Security Fund

SUBTITLE B—COUNTERDRUG ACTIVITIES

Section 1011—Support for Counterdrug Activities and Activities to Counter Transnational Organized Crime Affecting Flow of Drugs into the United States

Section 1012—Congressional Notification with Respect to Department of Defense Support Provided to Other United States Agencies for Counterdrug Activities and Activities to Counter Transnational Organized Crime

SUBTITLE C—NAVAL VESSELS

Section 1024—Preference for United States Vessels in Transporting Supplies by Sea

SUBTITLE D—COUNTERTERRORISM

Section 1031—Prohibition on Use of Funds for Transfer or Release of Individuals Detained at United States Naval Station, Guantanamo Bay, Cuba, to Certain Countries

SUBTITLE E—MISCELLANEOUS AUTHORITIES AND LIMITATIONS

Section 1043—Modification and Technical Correction to Department of Defense Authority to Provide Assistance Along the Southern Land Border of the United States

Section 1045—Requirements Relating to Newest Generations of Personal Protective Equipment

Section 1046—Prohibition on Use of Funds for Retirement of A-10 Aircraft

TITLE XI—CIVILIAN PERSONNEL MATTERS

LEGISLATIVE PROVISIONS

Section 1101—Family and Medical Leave Amendments

Section 1102—Exercise of Delegated Authority under the Federal Service Labor-Management Relations Statute

Section 1106—Limiting the Number of Local Wage Areas Defined within a Pay Locality

TITLE XII—MATTERS RELATING TO FOREIGN NATIONS

LEGISLATIVE PROVISIONS

SUBTITLE A—ASSISTANCE AND TRAINING

Section 1201—Extension of Report on Workforce Development

SUBTITLE B—MATTERS RELATING TO AFGHANISTAN AND PAKISTAN

Section 1211—Extension and Modification of Authority for Reimbursement of Certain Coalition Nations for Support Provided to United States Military Operations

Section 1212—Extension of the Afghan Special Immigrant Visa Program

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

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

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

Section 1224—Prohibition on Provision of Weapons and Other Forms of Support to Certain Organizations

SUBTITLE D—MATTERS RELATING TO RUSSIA

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

Section 1232—Extension of Limitation on Military Cooperation between the United States and the Russian Federation

Section 1233—Modification and Extension of Ukraine Security Assistance Initiative

Section 1234—United States Participation in Open Skies Treaty

SUBTITLE E—MATTERS RELATING TO THE INDO-PACIFIC REGION

Section 1241—Indo-Pacific Reassurance Initiative

Section 1242—Report on China's One Belt, One Road Initiative in Africa

Section 1244—Limitation on Use of Funds to Reduce the Total Number of Members of the Armed Forces Serving on Active Duty Who Are Deployed to South Korea

SUBTITLE F—OTHER MATTERS

Section 1251—Consolidated Budget Display and Report on Operation Spartan Shield

Section 1252—Report on Operation Freedom Sentinel

Section 1253—Report Relating to a Reduction in the Total Number of United States Armed Forces Deployed to United States Africa Command Area of Responsibility

Section 1254—Rule of Construction Relating to Use of Military Force

TITLE XIII—COOPERATIVE THREAT REDUCTION

LEGISLATIVE PROVISIONS

Section 1301—Funding Allocations; Specification of Cooperative Threat Reduction Funds

TITLE XIV—OTHER AUTHORIZATIONS

LEGISLATIVE PROVISIONS

SUBTITLE A—MILITARY PROGRAMS

Section 1401—Working Capital Funds

Section 1402—Chemical Agents and Munitions Destruction, Defense

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

Section 1404—Defense Inspector General

Section 1405—Defense Health Program

Section 1406—National Defense Sealift Fund

TITLE XV—AUTHORIZATION OF ADDITIONAL APPROPRIATIONS FOR OVERSEAS CONTINGENCY OPERATIONS

LEGISLATIVE PROVISIONS

SUBTITLE A—AUTHORIZATION OF APPROPRIATIONS

Section 1501—Purpose

Section 1502—Procurement

Section 1503—Research, Development, Test, and Evaluation

Section 1504—Operation and Maintenance

Section 1505—Military Personnel

Section 1506—Working Capital Funds

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

Section 1508—Defense Inspector General

Section 1509—Defense Health Program

SUBTITLE B—FINANCIAL MATTERS

Section 1511—Treatment as Additional Authorizations

Section 1512—Special Transfer Authority

SUBTITLE C—OTHER MATTERS

Section 1521—Afghanistan Security Forces Fund

TITLE XVI—STRATEGIC PROGRAMS, CYBER, AND INTELLIGENCE MATTERS

LEGISLATIVE PROVISIONS

SUBTITLE A—SPACE ACTIVITIES

Section 1603—National Security Space Launch Program

SUBTITLE B—DEFENSE INTELLIGENCE AND INTELLIGENCE-RELATED ACTIVITIES

Section 1611—Validation of Capability Requirements of National Geospatial-
Intelligence Agency

Section 1612—National Academies Climate Security Roundtable

SUBTITLE C—CYBERSPACE-RELATED MATTERS

Section 1622—Cyberspace Solarium Commission

Section 1624—Responsibility for the Sector Risk Management Agency
Function of the Department of Defense

SUBTITLE D—NUCLEAR FORCES

Section 1641—Coordination in Transfer of Funds by Department of Defense to
National Nuclear Security Administration

TITLE XVII—REPORTS AND OTHER MATTERS

LEGISLATIVE PROVISIONS

SUBTITLE A—STUDIES AND REPORTS

Section 1702—FFRDC Study of Explosive Ordnance Disposal Agencies

SUBTITLE B—OTHER MATTERS

Section 1721—Technical, Conforming, and Clerical Amendments

Section 1722—Quarterly Briefings on Joint All Domain Command and Control
Concept

DIVISION B—MILITARY CONSTRUCTION AUTHORIZATIONS
TITLE XXVIII—MILITARY CONSTRUCTION GENERAL
PROVISIONS

LEGISLATIVE PROVISIONS

SUBTITLE A—MILITARY CONSTRUCTION PROGRAM CHANGES

Section 2801—Modification and Clarification of Construction Authority in the Event of a Declaration of War or National Emergency

SUBTITLE E—MILITARY LAND WITHDRAWALS

Section 2841—Renewal of Land Withdrawal and Reservation to Benefit Naval Air Facility, El Centro, California

Section 2842—Renewal of Fallon Range Training Complex Land Withdrawal and Reservation

Section 2843—Renewal of Nevada Test and Training Range Land Withdrawal and Reservation

Section 2844—Specified Duration of White Sands Missile Range Land Withdrawal and Reservation and Reservation of Airspace for Northern and Western Expansion Areas

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

Section 3102—Defense Environmental Cleanup

Section 3103—Other Defense Activities

Section 3104—Nuclear Energy

SUBTITLE B—PROGRAM AUTHORIZATIONS, RESTRICTIONS, LIMITATIONS, AND
OTHER MATTERS

Section 3111—Uncosted and Unobligated Amounts of National Nuclear Security Administration

Section 3112—Extension of Limitation Relating to Reclassification of High Level Waste

Section 3113—Independent Study on Effects of Use of Nuclear Weapons

Section 3114—Reports on Diversity of Certain Contractor Employees of National Nuclear Security Administration

TITLE XXXII—DEFENSE NUCLEAR FACILITIES SAFETY BOARD
LEGISLATIVE PROVISIONS

Section 3201—Authorization

TITLE XXXV—MARITIME ADMINISTRATION

LEGISLATIVE PROVISIONS

SUBTITLE A—MARITIME ADMINISTRATION

Section 3501—Authorization of the Maritime Administration

Section 3503—Nonapplicability of Requirement Relating to Minimum Number
of Operating Days for Vessels Operating under MSP Agreements

DIVISION D—FUNDING TABLES

Section 4001—Authorization of Amounts in Funding Tables

DIVISION A—DEPARTMENT OF DEFENSE AUTHORIZATIONS

TITLE I—PROCUREMENT

LEGISLATIVE PROVISIONS

SUBTITLE A—AUTHORIZATION OF APPROPRIATIONS

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.

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 211—Modification of Science, Mathematics, and Research for Transformation (SMART) Defense Education Program

This section would amend section 2192a of title 10, United States Code, by establishing a scholarship for service pilot subprogram under the Department's Science, Mathematics, and Research for Transformation Defense Education Program for students at minority institutions to diversify and strengthen the national security workforce. This section would require the Secretary of Defense to submit an initial report to the congressional defense committees by December 31, 2022, on the establishment of the pilot subprogram, and a final report by September 30, 2024, on the success of the pilot program in recruiting individuals for scholarships under this section and hiring and retaining those individuals in the public sector workforce.

Section 213—Codification of the National Security Innovation Network

This section would amend chapter 139 of title 10, United States Code, by inserting a new section 2358c, National Security Innovation Network. This new

section would establish a program office to be known as the National Security Innovation Network (formerly the MD5 National Security Technology Accelerator) as a permanent office within the Under Secretary of Defense for Research and Engineering or another organization at the discretion of the Secretary of Defense. This section would require the Secretary of Defense to submit a report no later than 180 days after the date of the enactment of this Act on the Department's plan to establish this office. This section would require the Comptroller General of the United States to submit a review of the report to the congressional defense committees not later than 180 days after the Secretary's implementation report. Finally, this section would require the Comptroller General to review and submit an evaluation of the program to the appropriate congressional committees not later than 3 years after the date of the enactment of this Act.

Additionally, the committee notes that Hacking for Defense (H4D) is authorized as a National Security Innovation and Entrepreneurial Education Program in the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115-91) to enable Department of Defense innovation. H4D is a university course developed by U.S. military combat veterans and private sector entrepreneurs taught at universities across the United States in which students apply cutting-edge problem-solving techniques to real-world national security and defense problems. The committee finds that H4D supports solution development directly for the warfighter, improves U.S. military readiness, and stimulates growth within the National Security Innovation Base, consistent with the 2018 National Defense Strategy. Further, the committee believes H4D fosters the growth of an emerging generation of national security leaders and mission-driven entrepreneurs by improving and expanding the science, technology, engineering, and math skill sets within the U.S. workforce. The committee believes that the Department should fully resource H4D and its growing ecosystem of national security innovators and entrepreneurs through the provision of the annual funding required to enhance existing H4D university courses.

Section 216—Digital Data Management and Analytics Capability

This section would direct the Secretary of Defense to develop and implement an advanced digital data and analytics capability to digitally integrate all elements of the Department of Defense's acquisition process; digitally record and track all relevant data generated during the research, development, testing, and evaluation of systems; and maximize the use of such data to inform the further development and improvement of both acquisition systems and the acquisition process for those systems.

The committee is aware that several U.S. Government Accountability Office reports have cited the need for improved data management processes surrounding the Department's overall management framework. While most relevant data is government owned and authorized for Department-wide use, there is no enterprise mechanism facilitating the discovery, access, correlation or integration, and use of

acquisition-related data across organizational boundaries. Each functional organization has established and locally optimized its own data and analytic processes for its own needs, and in many cases even these local practices are highly manual and inefficient.

To this end, this section would direct the Secretary of Defense to conduct a significant review of data content and requirements to support management functions; implement demonstration activities to develop lessons learned and inform the way forward; conduct a comparative analysis that assesses the risks and benefits of the digital management and analytics capability relative to the Department's traditional data collection, reporting, exposing, and analysis approaches; and update the Department's policy and guidance based on the results of the demonstration activities.

This section would also require the Defense Innovation Board, in consultation with the Defense Digital Service, to conduct an independent assessment and submit a report to both the Secretary and the congressional defense committees no later than 180 days from enactment of this Act on recommended approaches for implementation of the capability. This section would then require the Secretary to submit an implementation report to the congressional defense committees not later than 90 days after the Defense Innovation Board's assessment. Finally, it would require the Defense Innovation Board and the Defense Science Board to submit an independent joint assessment on the Department's progress by March 15, 2022.

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 C—LOGISTICS AND SUSTAINMENT

Section 333—Independent Advisory Panel on Weapon System Sustainment

This section would require the Secretary of Defense to establish an independent advisory panel to conduct a review and make recommendations related to the weapon system sustainment ecosystem.

Section 335—Materiel Readiness Metrics and Objectives for Major Weapon Systems

This section would amend section 118 of title 10, United States Code, to require the Department of Defense to develop materiel readiness metrics and objectives for major weapon systems, to regularly review and update the metrics and objectives, and report on them with the annual budget request.

SUBTITLE E—OTHER MATTERS

Section 351—Pilot Program for Temporary Issuance of Maternity-Related Uniform Items

This section would authorize the Defense Logistics Agency to create a pilot program to issue maternity uniforms to pregnant service members at no cost to the service member. The authority to carry out the pilot program would terminate on September 30, 2026.

Section 352—Servicewomen's Commemorative Partnerships

This section would authorize the Secretary of the Army to enter into a contract, partnership, or grant with a non-profit organization for the purpose of providing financial support for the maintenance and sustainment of infrastructure and facilities at military service memorials and museums that highlight the role of women in the military.

TITLE V—MILITARY PERSONNEL POLICY

LEGISLATIVE PROVISIONS

SUBTITLE F—MILITARY FAMILY READINESS AND DEPENDENTS' EDUCATION

Section 554—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 A—PAY AND ALLOWANCES

Section 603—Reorganization of Certain Allowances other than Travel and Transportation Allowances

This section would make two technical amendments to title 37, United States Code, enabling the Department of Defense to transfer these two provisions from chapter 8 of that title back to chapter 7 of title 37.

SUBTITLE C—FAMILY AND SURVIVOR BENEFITS

Section 624—Study on Feasibility of TSP Contributions by Military Spouses

This section would direct the Secretary of Defense to study the feasibility of authorizing a spouse to contribute to the Thrift Savings Plan account of their service member spouse.

SUBTITLE E—OTHER PERSONNEL BENEFITS

Section 641—Maintenance of Funding for Stars and Stripes

This section would maintain the enacted fiscal year 2020 funding levels for Stars and Stripes, and would require the Secretary of Defense to submit a report to the Committee on Armed Services of the House of Representatives detailing a business case analysis to maintain Stars and Stripes as an information benefit to service members.

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

LEGISLATIVE PROVISIONS

SUBTITLE A—ACQUISITION POLICY AND MANAGEMENT

Section 801—Congressional Notification of Termination of a Middle Tier Acquisition Program

This section would modify section 804 of the National Defense Authorization Act for Fiscal Year 2016 (2302 note of title 10, United States Code) to direct the Secretary of Defense to provide notification to the congressional defense committees 30 days after a program is terminated that used the "middle tier" of acquisition authority.

Section 802—Modification to the Definition of Nontraditional Defense Contractor

This section would amend section 2302(9) of title 10, United States Code, by adding to the term "nontraditional defense contractor" under the Other Transaction Authority an entity that is owned entirely by an employee stock ownership plan.

Section 803—Contractor Business Systems

This section would amend section 893 of the Ike Skelton National Defense Authorization Act for Fiscal Year 2011 (Public Law 111-383; note 2302 of title 10, United States Code) by replacing “significant deficiency” with the term “material weakness.” The committee notes that the proposed revised definition will better align review and approval of contractor business systems with generally accepted commercial and government auditing standards.

Section 804—Acquisition Authority of the Director of the Joint Artificial Intelligence Center

This section would authorize the Director of the Joint Artificial Intelligence Center with responsibility for the development, acquisition, and sustainment of artificial intelligence technologies, services, and capabilities through fiscal year 2025.

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

Section 811—Contractor Whistleblower Protections Relating to Nondisclosure Agreements

This section would amend section 2409 of title 10, United States Code, and section 4712 of title 41, United States Code, to clarify that contractors, subcontractors, or grantees are protected from reprisal for disclosure of certain information, including gross mismanagement of a Federal contract or grant or an abuse of authority relating to a Federal contract or grant.

Section 812—Inclusion of Optical Transmission Components in the Analytical Framework for Supply Chain Risks

This section would amend section 2509(b)(2)(A)(ii) of title 10, United States Code, by striking the phrase “(other than optical transmission components)” .

Section 813—Modifications to Comptroller General Assessment of Acquisition Programs and Related Initiatives

This section would amend section 2229b(b)(2) of title 10, United States Code, to allow the Comptroller General of the United States to include key analysis

of organizational, policy, and legislative changes at the Department of Defense that predate its most recent annual assessment.

Section 814—Amendment to Definition of Qualified Apprentice

This section would strike paragraph three (3) of section 2870(d) of title 10, United States Code, as added by section 865 of the National Defense Authorization Act for Fiscal Year 2020 (Public Law 116-92).

Section 815—Contract Closeout Authority for Services Contracts

This section would amend section 836 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328) by reducing the contract closeout period from the current 17 years to 7 years for service contracts, but no less than the Federal Acquisition Regulation's record retention requirements. This section would also direct the Secretary of Defense, acting through the Director of the Defense Contract Management Agency, to establish and maintain a centralized capability with necessary expertise and resources to provide oversight of the closeout of a contract or group of contracts covered by this section.

Section 816—Disclosure of Beneficial Owners in Database for Federal Agency Contract and Grant Officers

This section would amend section 2313 of title 41, United States Code, and require the database used by Federal agency contract and grant officers for contractor responsibility determinations to reflect information about contractors' beneficial owners.

Section 817—Sustainment Reform for the Department of Defense

This section would amend section 113 of title 10, United States Code, to add a requirement to develop a strategic framework for prioritizing and integrating activities relating to sustainment of major defense acquisition programs. This section would also clarify additional responsibilities of the Under Secretary of Defense for Acquisition and Sustainment.

SUBTITLE C—INDUSTRIAL BASE MATTERS

Section 821—Quarterly National Technology and Industrial Base Briefings

This section would amend section 2504 of title 10, United States Code, to require quarterly briefings to monitor progress toward eliminating gaps or vulnerabilities in the industrial base as identified in the Annual Industrial Capabilities Report to Congress, as required by section 2504 of title 10, United States Code.

Section 822—Modifications to Supervision and Award of Certain Contracts

This section would amend section 2851 of title 10, United States Code, to direct the Department of Defense to publicly post identifying information on military construction contracts once awarded in the Federal Register and require prime contractors for military construction projects to publicly post all available subcontracting work of \$250,000 or more on relevant websites of the Small Business Administration and General Services Administration. This section would also amend section 644 of title 15, United States Code, to allow Federal agencies to award additional small business credit toward meeting subcontracting goals for awarding a contract to a local business.

Section 823—Amendments to Submissions to Congress Relating to Certain Foreign Military Sales

This section would amend section 887(b)(1) and section 887(b)(2) of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115-91) to revise the reporting requirements and to extend the sunsets of the quarterly and annual reports to December 31, 2024.

Section 824—Revisions to Requirement to Use Firm Fixed-Price Contracts for Foreign Military Sales

This section would amend section 830 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328) by applying the requirement for firm, fixed-price type contract vehicles exclusively to production contracts for foreign military sales cases whether on a stand-alone contract, on a mixed contract for both domestic and foreign military sales production, or on a mixed contract for both international cooperative program and foreign military sales production.

Section 825—Small Business Industrial Base Resiliency Program

This section would establish the Small Business Industrial Base Resiliency Program and would authorize the Assistant Secretary of Defense Industrial Base Policy to enter into transactions to purchase or make a commitment to purchase goods or services from small business concerns in response to the COVID-19 pandemic. These transactions are intended to support the monitoring and assessment of small businesses in the defense industrial base by addressing critical issues in the small business industrial base relating to urgent operational needs in response to the pandemic, supporting efforts to expand the small business industrial base in response to the pandemic, and addressing supply chain vulnerabilities related to the pandemic for small businesses.

Section 826—Assessment of the Requirements Processes of the Military Departments

This section would require the Secretary of each military department to conduct an assessment of the requirements process and to each submit a report by March 31, 2021, with recommendations to improve the agility and timeliness of such requirements process for acquisition programs of the military department.

The committee notes that recent reforms to shift authority for acquisition and requirements decisions to the military departments have placed increasing importance on the efficiency and effectiveness of the military departments' requirements processes. However, the committee is concerned that the military departments' requirements processes, including the extent to which they are aligned with the acquisition system and the budget process, continue to hinder the development of timely, realistic, and achievable requirements. Moreover, the committee believes that recent efforts of the Department of Defense to implement its adaptive acquisition framework call for a new look at how requirements are generated within each of the acquisition pathways in this framework (including major capability acquisition, middle tier of acquisition, software acquisition, and the acquisition of services, among others) to the benefit of the defense acquisition system.

Section 827—Report on Transfer and Consolidation of Certain Defense Acquisition Statutes

This section would require the Secretary of Defense to submit a report to the congressional defense committees with a proposal for the transfer and consolidation of certain defense acquisition statutes within the framework of part V of subtitle A of title 10, United States Code (as enacted by section 801 of the National Defense Authorization Act for Fiscal Year 2019 (Public Law 115-232)) by February 21, 2021.

TITLE IX—DEPARTMENT OF DEFENSE ORGANIZATION AND MANAGEMENT

LEGISLATIVE PROVISIONS

Section 901—Assistant Secretary of Defense for Industrial Base Policy

This section would amend section 138 of title 10, United States Code, to require one of the Assistant Secretaries to be the Assistant Secretary of Defense for Industrial Base Policy, whose principal duty would be the overall supervision of policy of the Department of Defense for developing and maintaining the defense industrial base of the United States and ensuring a secure supply of materials critical to national security. This section would also make conforming changes.

Section 902—Assistant Secretary of Defense for Space and Strategic Deterrence Policy

This section would amend paragraph (5) of section 138(b) of title 10, United States Code, to require one of the Assistant Secretaries to be the Assistant Secretary of Defense for Space and Strategic Deterrence Policy, whose principal duty would be the overall supervision of policy of the Department of Defense for space, nuclear deterrence, and missile defense. This section would also make conforming changes.

Section 904—Establishment of Deputy Assistant Secretaries for Sustainment

This section would require the military departments to each establish a position of a Deputy Assistant Secretary for Sustainment and would outline the responsibilities of each position.

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 2020 in division A of this Act. This section would limit the total amount transferred under this authority to \$4.00 billion.

Section 1002—Determination of Budgetary Effects

This section would state the budgetary effects of this Act for the purpose of complying with the Statutory Pay-As-You-Go Act of 2010.

Section 1003—Pandemic Preparedness and Resilience National Security Fund

This section would provide limitations and additional authorities for the amounts authorized to be appropriated for Research and Development, Defense-Wide, Pandemic Preparedness and Resilience National Security Fund. It would also establish a notice requirement for transfers from the Fund, and would exempt transfers under this section from counting towards the dollar amount limitation under section 1001.

SUBTITLE B—COUNTERDRUG ACTIVITIES

Section 1011—Support for Counterdrug Activities and Activities to Counter Transnational Organized Crime Affecting Flow of Drugs into the United States

This section would modify the authority to provide support to other agencies for counterdrug activities and activities to counter transnational organized crime.

Section 1012—Congressional Notification with Respect to Department of Defense Support Provided to Other United States Agencies for Counterdrug Activities and Activities to Counter Transnational Organized Crime

This section would clarify notification requirements for subsection (b) of the authority to provide support to other agencies for counterdrug activities and activities to counter transnational organized crime.

SUBTITLE C—NAVAL VESSELS

Section 1024—Preference for United States Vessels in Transporting Supplies by Sea

This section would amend section 2631 of title 10, United States Code, to increase compliance with military cargo preference requirements.

SUBTITLE D—COUNTERTERRORISM

Section 1031—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 funding 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, 2021, to transfer, release, or assist in the transfer or release of any individual detained at U.S. Naval Station, Guantanamo Bay, Cuba, to Libya, Somalia, Syria, and Yemen.

SUBTITLE E—MISCELLANEOUS AUTHORITIES AND LIMITATIONS

Section 1043—Modification and Technical Correction to Department of Defense Authority to Provide Assistance Along the Southern Land Border of the United States

This section would modify the authority under section 1059 of the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114-92) to require the Secretary of Defense to fully consider readiness, mission, and task alignment to requested support from Custom and Border Protection, when determining the

Department of Defense's ability to provide assistance to secure the United States southern land border. Additionally, this section would add reporting requirements.

Section 1045—Requirements Relating to Newest Generations of Personal Protective Equipment

This section would require the Secretaries of the military departments to each submit a report on the fielding of the newest generations of personal protective equipment to the Armed Forces, to include: the numbers (aggregated by total number and by sex) of Modular Scaleable Vests and Marine Corps Plate Carrier Generation III; and a description and assessment of the barriers, if any, to the development and fielding of such generations of equipment, including cost overruns, contractor delays, and other challenges. This section would also requires the Director of the Defense Health Agency to develop and maintain a system for tracking data on injuries among service members and for the Periodic Health Assessment of members of the Armed Forces to include one or more questions on whether members incurred an injury in connection with ill-fitting or malfunctioning personal protective equipment.

Section 1046—Prohibition on Use of Funds for Retirement of A-10 Aircraft

This section would prohibit the Secretary of the Air Force from implementing any actions during fiscal year 2021 that would retire, prepare to retire, or place into storage or back-up aircraft inventory any A-10 aircraft unless the Secretary determines on a case-by-case basis an aircraft is no longer mission capable due to a mishap or damage that is uneconomical to repair.

TITLE XI—CIVILIAN PERSONNEL MATTERS

LEGISLATIVE PROVISIONS

Section 1101—Family and Medical Leave Amendments

This section would make technical corrections relating to parental leave for Federal employees.

Section 1102—Exercise of Delegated Authority under the Federal Service Labor-Management Relations Statute

This section would require the Secretary of Defense to submit a report, not later than October 31, 2020, to the congressional defense committees describing the conditions under which the Secretary would exercise the authority under 7103(b) of title 5, United States Code, delegated to the Secretary by the President on January 29, 2020. In addition, this section would prohibit the Secretary from excluding any Department of Defense agency or subdivision from collective bargaining rights until

30 days after the Secretary submits a report to the congressional defense committees.

Section 1106—Limiting the Number of Local Wage Areas Defined within a Pay Locality

This section would amend section 5343 of title 5, United States Code, to prohibit the Office of Personnel Management from including more than one local wage area within a General Schedule pay locality in order to align Federal Wage System Areas with General Schedule locality pay areas.

TITLE XII—MATTERS RELATING TO FOREIGN NATIONS

LEGISLATIVE PROVISIONS

SUBTITLE A—ASSISTANCE AND TRAINING

Section 1201—Extension of Report on Workforce Development

This section would extend a report on Department of Defense security cooperation workforce development, as required by section 1250 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328), by 5 years.

SUBTITLE B—MATTERS RELATING TO AFGHANISTAN AND PAKISTAN

Section 1211—Extension and Modification of Authority for Reimbursement of Certain Coalition Nations for Support Provided to United States Military Operations

This section would extend through December 31, 2021, the authority to make Coalition Support Fund payments under section 1233 of the National Defense Authorization Act for Fiscal Year 2008 (Public Law 110-181) as most recently amended by section 1217 of the National Defense Authorization Act for Fiscal Year 2020 (Public Law 116-92).

Section 1212—Extension of the Afghan Special Immigrant Visa Program

This section would extend the Afghan Allies Protection Act of 2009 (Public Law 111-8) as well as extend an expiring report.

The committee notes the critical importance of the Special Immigrant Visa Program for U.S. Government operations in Afghanistan. Last year's modification and extension reinforce the importance of this program by authorizing 4,000 additional visas and returning applicant eligibility requirements to the original criteria set forth in the Afghan Allies Protection Act of 2009. This year, the committee extended Department of Defense and Department of State reporting

requirements to ensure the program is executed efficiently. The committee remains committed to Afghan citizens who, at great personal risk, support United States operations in Afghanistan.

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 modify section 1236 of the Carl Levin and Howard P. “Buck” McKeon National Defense Authorization Act for Fiscal Year 2015 (Public Law 113–291) to provide assistance to the security forces of the Government of Iraq to counter the Islamic State of Iraq and Syria and extend the authority through December 31, 2021. This section would also require the Secretary of Defense to submit an annual report detailing the weapons and equipment purchased using the Counter-ISIS Train and Equip Fund, as well as the incremental costs for operations and maintenance for Operation Inherent Resolve (OIR) in the previous fiscal year. This section would also require the Department to submit annual budget justifications for OIR for fiscal years 2022 and 2023.

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 authority to support vetted Syrian groups and individuals through December 30, 2021, and the required notice before the provision of assistance. This section would also direct the Secretary of Defense to certify to the House Committee on Armed Services, the Senate Committee on Armed Services, the House Committee on Foreign Affairs, and the Senate Committee on Foreign Relations within 30 days of the date of the enactment of this Act that no U.S. military forces are being used or have been used for the extraction, transport, transfer, or sale of oil from Syria.

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

This section would extend section 1215 of the National Defense Authorization Act for Fiscal Year 2012 (10 U.S.C. 113), the Office of Security Cooperation-Iraq authority, as most recently amended by section 1223 of the National Defense Authorization Act for Fiscal Year 2020 (Public Law 116–92), through fiscal year 2021. It would limit the expenditure of funds pending the submission of the certification required by section 1223 of Public Law 116-92.

Section 1224—Prohibition on Provision of Weapons and Other Forms of Support to Certain Organizations

This section would prohibit the use of funds authorized to be appropriated by this Act to the Department of Defense for fiscal year 2021 to provide weapons or any form of support to al-Qaeda, the Islamic State of Iraq and Syria, Jabhat Fateh al Sham, Hamas, Hizballah, Palestinian Islamic Jihad, al-Shabaab, Islamic Revolutionary Guard Corps, or any individual or group associated with these organization.

SUBTITLE D—MATTERS RELATING TO RUSSIA

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 2020 (Public Law 116-92). This section would prohibit the use of fiscal year 2021 funds to implement any activity that recognizes the sovereignty of Russia over Crimea. This section would also allow the Secretary of Defense, with the concurrence of the Secretary of State, to waive the prohibition if the Secretary of Defense determines that doing so would be in the national security interest of the United States and submits a notification to the House Committee on Armed Services, the Senate Committee on Armed Services, the Senate Committee on Foreign Relations, and the House Committee on Foreign Affairs.

Section 1232—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 2020 (Public Law 116-92). This section would limit the use of fiscal year 2021 funds for bilateral military-to-military cooperation between the Government of the United States and Russia 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 extension includes a rule of construction that nothing in the provision shall be construed to limit bilateral military-to-military dialogue for the purpose of reducing the risk of conflict.

Section 1233—Modification and Extension of Ukraine Security Assistance Initiative

This section would extend by one year section 1250 of the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114-92), most recently amended

by section 1244 of the National Defense Authorization Act for Fiscal Year 2020 (Public Law 116-92), to authorize the Secretary of Defense to provide security assistance and intelligence support to the Government of Ukraine, with the concurrence of the Secretary of State. This section would also authorize \$250.0 million to carry out this authority in fiscal year 2021.

This section would extend for 2 years the reports on military assistance to Ukraine required in section 1275(e) of the Carl Levin and Howard P. "Buck" McKeon National Defense Authorization Act for Fiscal Year 2015 (Public Law 113-291).

Section 1234—United States Participation in Open Skies Treaty

This section would require that in the event of a provision of notice of intent to withdraw the United States from the Open Skies Treaty, the Secretary of Defense and Secretary of State jointly shall submit to the appropriate defense committees either:

(1) a notification that agreements are in place with other state parties that host U.S. military forces and assets to ensure that after such withdrawal the U.S. will be provided sufficient notice of observation flights over the territory of those state parties under the Treaty; or,

(2) if agreements are not in place, a description of how the U.S. will consistently and reliably be provided sufficient warning of observation flights described above, including a description of assets, personnel, and policy implications of using such other means.

This section would also require the Secretary of Defense and Secretary of State, in coordination with the Director of National Intelligence, to jointly submit a report of the impacts of potential future U.S. withdrawal on:

(1) collaboration with allies, U.S. leadership in the North Atlantic Treaty Organization, and continued dialogue with Russia that the Treaty offers,

(2) how imagery captured under the Treaty will be replaced,

(3) how intelligence gained under the Treaty will be replaced, and

(4) the ability of the U.S. to influence future decisions on certification of new sensors within the Treaty that could pose a threat to deployed U.S. military personnel and assets.

The report would also include unedited correspondence between the U.S. and Treaty state parties with respect to potential U.S. withdrawal.

SUBTITLE E—MATTERS RELATING TO THE INDO-PACIFIC REGION

Section 1241—Indo-Pacific Reassurance Initiative

This section would direct the Secretary of Defense to carry out a program of prioritized activities to reassure United States allies and partners, appropriately prioritize activities and resources to implement the National Defense Strategy, and enhance the ability of Congress to provide oversight of an support to Department of

Defense efforts. It would define five objectives for an Indo-Pacific Reassurance Initiative: (1) optimizing the presence of U.S. Armed Forces in the Indo-Pacific; (2) strengthening and maintaining bilateral and multilateral military exercises and training with partners and allies in the Indo-Pacific; (3) improving infrastructure in the Indo-Pacific to enhance the responsiveness of U.S. Armed Forces; (4) enhancing the prepositioning of equipment and materiel in the Indo-Pacific; and (5) building the defense and security capabilities, capacity, and cooperation of partners and allies in the Indo-Pacific. This section would also require a future years plan on activities and resources of the Initiative, a budget justification for the Initiative, an end of fiscal year report, and a briefing on funds obligated for the Initiative.

Section 1242—Report on China's One Belt, One Road Initiative in Africa

This section would direct the Secretary of Defense to provide a report not later than 1 year after the date of the enactment of this Act on China's One Belt, One Road Initiative in Africa. Such report shall include a strategy to address impacts on United States military and defense interests in Africa.

Section 1244—Limitation on Use of Funds to Reduce the Total Number of Members of the Armed Forces Serving on Active Duty Who Are Deployed to South Korea

This section would prohibit the use of funds authorized to be appropriated by this Act to reduce the number of members of the Armed Forces serving on Active Duty in the Republic of Korea below 28,500 until 180 days after the date that the Secretary of Defense certifies to the congressional defense committees that such a reduction is in the national security interest of the United States, will not significantly undermine the security of the United States' allies in the region, is commensurate with a reduction in the threat posed by North Korea, that South Korea is capable of deterring a conflict, and the Secretary has appropriately consulted with allies of the United States regarding such a reduction.

SUBTITLE F—OTHER MATTERS

Section 1251—Consolidated Budget Display and Report on Operation Spartan Shield

This section would require the Secretary of Defense to provide a report to the House Committee on Armed Services not later than 180 days after the date of the enactment of this Act, and annually thereafter in fiscal years 2022 and 2023, on Operation Spartan Shield. This section would also require the Department to submit annual budget justifications for Operation Spartan Shield for fiscal years 2022 and 2023.

Section 1252—Report on Operation Freedom Sentinel

This section would direct the Secretary of Defense to provide a report on Operation Freedom Sentinel activities to the House Committee on Armed Services and the Senate Committee on Armed Services not later than 90 days after the date of the enactment of this Act and with each Presidential budget request for the following 2 fiscal years. The report would include specific direct war requests, costs that occur inside and outside the geographical boundaries of Afghanistan, activities that fund the services, as well as transportation and logistical support.

Section 1253—Report Relating to a Reduction in the Total Number of United States Armed Forces Deployed to United States Africa Command Area of Responsibility

This section would require a report to Congress 60 days after enactment of this Act on the average total number of United States Armed Forces under the direct authority of the Commander of United States Africa Command and deployed to the United States Africa Command area of responsibility and a follow up report not later than 90 days after enactment of this Act should the Department reduce the total number of United States Armed Forces under the direct authority of the Commander of United States Africa Command and deployed to the United States Africa Command area of responsibility.

Section 1254—Rule of Construction Relating to Use of Military Force

This section would establish that nothing in this Act or any amendment made by this Act may be construed to authorize the use of military force.

TITLE XIII—COOPERATIVE THREAT REDUCTION

LEGISLATIVE PROVISIONS

Section 1301—Funding Allocations; Specification of Cooperative Threat Reduction Funds

This section would allocate specific funding amounts for each program under the Department of Defense Cooperative Threat Reduction (CTR) Program from within the overall \$373.7 million that the committee would authorize for the Cooperative Threat Reduction Program. The allocation under this section reflects the amount of the budget request for fiscal year 2021.

This section would specify that funds authorized to be appropriated to the Department of Defense for the Cooperative Threat Reduction Program, established under the Department of Defense Cooperative Threat Reduction Act (50 U.S.C. 3711), would be available for obligation for fiscal years 2021, 2022, and 2023.

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.

Section 1406—National Defense Sealift Fund

This section would authorize appropriations for the National Defense Sealift Fund at the levels identified in section 4501 of division D of this Act.

TITLE XV—AUTHORIZATION OF ADDITIONAL APPROPRIATIONS FOR OVERSEAS CONTINGENCY OPERATIONS

LEGISLATIVE PROVISIONS

SUBTITLE A—AUTHORIZATION OF APPROPRIATIONS

Section 1501—Purpose

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 \$2.50 billion of additional war-related funding authorizations in this title among the accounts in this title.

SUBTITLE C—OTHER MATTERS

Section 1521—Afghanistan Security Forces Fund

This section would extend the Afghanistan Security Forces Fund through fiscal year 2021. This section would also set a goal of using \$29.1 million to support, to the extent practicable, the efforts of the Government of Afghanistan to promote the recruitment, training, integration, and retention of Afghan women into the Afghan National Defense and Security Forces.

This section would also continue to require the Secretary of Defense, in consultation with the Secretary of State, to submit an assessment of the Government of Afghanistan's ability to meet shared security objectives and manage, employ, and sustain equipment divested under the Afghanistan Security Forces Fund. If the results of said assessment were unfavorable, the Secretary of Defense would be required to withhold assistance under the Afghanistan Security Forces Fund.

TITLE XVI—STRATEGIC PROGRAMS, CYBER, AND INTELLIGENCE MATTERS

LEGISLATIVE PROVISIONS

SUBTITLE A—SPACE ACTIVITIES

Section 1603—National Security Space Launch Program

This section would prohibit changes to the phase 2 acquisition strategy of the National Security Space Launch program, including with regard to mission performance requirements, acquisition schedule, and the selection of two launch

providers. It would also mandate that the period for ordering phase 2 launch missions end by September 2024, cap the Launch Services Agreement funding amount for providers selected for phase 2, and require a termination date for Launch Services Agreements with providers not selected for phase 2.

This section would also require a certification on reusability of previously-flown launch hardware. In addition, this section would require the Secretary to begin investments toward phase 3 to maintain competition and support innovation, by providing up to \$150.0 million for the Secretary to conduct a full and open competition and enter into three agreements to fund certification and infrastructure requirements and transformational technologies.

This section would also include a rule of construction about not delaying phase 2 awards.

SUBTITLE B—DEFENSE INTELLIGENCE AND INTELLIGENCE-RELATED ACTIVITIES

Section 1611—Validation of Capability Requirements of National Geospatial-Intelligence Agency

This section would amend section 442 of title 10, United States Code, to require the National Geospatial-Intelligence Agency to assist the Joint Chiefs of Staff, combatant commands, and the military departments in establishing coordinating, consolidating, and validating mapping, charting, geodetic data, and safety of navigation capability requirements through a formal process governed by the Joint Staff.

Section 1612—National Academies Climate Security Roundtable

This section would require the Under Secretary of Defense for Intelligence and Security, in coordination with the Director of National Intelligence, to enter into a joint agreement with the National Academies of Science to create a new “National Academies Climate Security Roundtable” for the purpose of establishing best practices for identifying and disseminating climate indicators and warnings to ensure that environmental security is included in operational planning and intelligence analysis. This roundtable would support the work of the Climate Security Advisory Council.

SUBTITLE C—CYBERSPACE-RELATED MATTERS

Section 1622—Cyberspace Solarium Commission

This section would modify section 1652 of the John S. McCain National Defense Authorization Act for Fiscal Year 2019 (Public Law 115–232) to update the Cyberspace Solarium Commission's membership. Additionally, this section would permit the organization to extend further for the purposes of providing regular

updates to the legislative and executive branches on the implementation of the Commission's findings.

Section 1624—Responsibility for the Sector Risk Management Agency Function of the Department of Defense

This section would assign full responsibility for certification, coordination, harmonization, and deconfliction of the various efforts, initiatives, and programs that the Department of Defense manages in the furtherance of its responsibilities as the Sector-Specific Agency (SSA) for the Defense Industrial Base to the Principal Cyber Advisor. Presently, the Department is the only SSA that has not unified its various physical and cybersecurity efforts under one organization. For the purposes of carrying out its SSA mission, the Principal Cyber Advisor will be tasked with the management of all functions associated with SSAs under Presidential Policy Directive-21.

SUBTITLE D—NUCLEAR FORCES

Section 1641—Coordination in Transfer of Funds by Department of Defense to National Nuclear Security Administration

This section would require the Secretary of Defense and Secretary of Energy to use appropriate interagency processes during the process of developing the budget materials of the Department of Defense and the National Nuclear Security Administration (NNSA), and to do so not later than the third quarter of the fiscal year preceding the budget request. This section would further require a report describing any transfers made to the NNSA and certifying that such transfers were developed in the manner described in this provision.

TITLE XVII—REPORTS AND OTHER MATTERS

LEGISLATIVE PROVISIONS

SUBTITLE A—STUDIES AND REPORTS

Section 1702—FFRDC Study of Explosive Ordnance Disposal Agencies

This section would direct the Secretary of the Defense to enter into an arrangement with a federally funded research and development center (FFRDC) to conduct a study that identifies and evaluates the roles and responsibilities of the military services involved in the Explosive Ordnance Disposal (EOD) program. The study shall include an identification and evaluation of technology, research and development activities, an identification of gaps in the industrial base, an evaluation of training and retention for EOD service members, an assessment of risk in EOD force structure, and demand for activities in support of both

Department of Defense and Federal agencies for EOD activities. The Secretary of Defense shall report to the congressional defense committees on the findings of the study not later than August 31, 2021.

SUBTITLE B—OTHER MATTERS

Section 1721—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 1722—Quarterly Briefings on Joint All Domain Command and Control Concept

This section would require the Director of the Joint All Domain Command and Control (JADC2) Cross Functional Team, in consultation with the Vice Chairman, Joint Chiefs of Staff and the Chief Information Officer of the Department of Defense, to provide quarterly briefings to the House Committee on Armed Services on progress on the JADC2 concept development.

DIVISION B—MILITARY CONSTRUCTION AUTHORIZATIONS

TITLE XXVIII—MILITARY CONSTRUCTION GENERAL PROVISIONS

LEGISLATIVE PROVISIONS

SUBTITLE A—MILITARY CONSTRUCTION PROGRAM CHANGES

Section 2801—Modification and Clarification of Construction Authority in the Event of a Declaration of War or National Emergency

This section would modify and clarify the use of military construction authorities available in the event of a declaration of war or national emergency.

SUBTITLE E—MILITARY LAND WITHDRAWALS

Section 2841—Renewal of Land Withdrawal and Reservation to Benefit Naval Air Facility, El Centro, California

This section would renew the land withdrawal and reservation for the benefit of Naval Air Facility El Centro, California, for a period of 25 years.

Section 2842—Renewal of Fallon Range Training Complex Land Withdrawal and Reservation

This section would renew the existing land withdrawal and reservation for the Fallon Range Training Complex for a period of 25 years.

Section 2843—Renewal of Nevada Test and Training Range Land Withdrawal and Reservation

This section would renew the existing Nevada Testing and Training Range land withdrawal and reservation for a period of 25 years.

Section 2844—Specified Duration of White Sands Missile Range Land Withdrawal and Reservation and Reservation of Airspace for Northern and Western Expansion Areas

This section would renew the land and airspace withdrawals for White Sands Missile Range and its call-up areas for a period of 25 years as well as make technical changes to airspace withdrawal.

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 of the Department of Energy for fiscal year 2021 at the levels specified in the funding table in division D of this Act.

Section 3102—Defense Environmental Cleanup

This section would authorize appropriations for defense environmental cleanup for the Department of Energy for fiscal year 2021 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 2021 at the levels specified in the funding table in division D of this Act.

Section 3104—Nuclear Energy

This section would authorize appropriations for nuclear energy for the Department of Energy for fiscal year 2021 at the levels specified in the funding table in division D of this Act.

SUBTITLE B—PROGRAM AUTHORIZATIONS, RESTRICTIONS, LIMITATIONS, AND OTHER MATTERS

Section 3111—Uncosted and Unobligated Amounts of National Nuclear Security Administration

This section would require the National Nuclear Security Administration to report in the President's annual budget request, for the next 5 fiscal years, uncosted and unobligated balances by program element and the year in which the funds were appropriated.

Section 3112—Extension of Limitation Relating to Reclassification of High Level Waste

This section would extend by 1 year the prohibition on the Department of Energy to reclassify high level waste in the state of Washington.

Section 3113—Independent Study on Effects of Use of Nuclear Weapons

This section would require the Administrator of the National Nuclear Security Administration to enter into contract with the National Academies of Sciences, Engineering, and Medicine to study the effects of nuclear use under specific scenarios.

Section 3114—Reports on Diversity of Certain Contractor Employees of National Nuclear Security Administration

This section would require the Administrator of the National Nuclear Security Administration (NNSA) to submit a report to the congressional defense committees on an annual basis through 2022 regarding diversity in hiring and retention at the NNSA's laboratories plants and sites. This section would also require the reports to be published on the Department of Energy website. This section also contains the sense of Congress on the importance of hiring a highly educated and diverse workforce as NNSA increases its workload in order to meet modernization requirements.

TITLE XXXII—DEFENSE NUCLEAR FACILITIES SAFETY BOARD

LEGISLATIVE PROVISIONS

Section 3201—Authorization

This section would authorize \$28,836,000 for the Defense Nuclear Facilities Safety Board.

TITLE XXXV—MARITIME ADMINISTRATION

LEGISLATIVE PROVISIONS

SUBTITLE A—MARITIME ADMINISTRATION

Section 3501—Authorization of the Maritime Administration

This section would authorize appropriations for the national security aspects of the Maritime Administration for fiscal year 2021.

Section 3503—Nonapplicability of Requirement Relating to Minimum Number of Operating Days for Vessels Operating under MSP Agreements

This section would waive the minimum number of operating days required for vessels operating under maritime security program agreements.

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 70869]. AUTHORIZATION OF APPROPRIA-**
4 **TIONS.**

5 Funds are hereby authorized to be appropriated for
6 fiscal year 2021 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 **Subtitle A—Authorization of**
2 **Appropriations**

3 **SEC. 201 [Log 70870]. AUTHORIZATION OF APPROPRIA-**
4 **TIONS.**

5 Funds are hereby authorized to be appropriated for
6 fiscal year 2021 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 **Subtitle B—Program Require-**
2 **ments, Restrictions, and Limita-**
3 **tions**

4 **SEC. 211 [Log 70923]. MODIFICATION OF SCIENCE, MATHE-**
5 **MATICS, AND RESEARCH FOR TRANS-**
6 **FORMATION (SMART) DEFENSE EDUCATION**
7 **PROGRAM.**

8 Section 2192a of title 10, United States Code, is
9 amended—

10 (1) by redesignating subsections (b) through (h)
11 as subsections (c) through (i);

12 (2) by inserting after subsection (a) the fol-
13 lowing new subsection:

14 “(b) REQUIREMENT FOR PILOT SUBPROGRAM.—

15 “(1) IN GENERAL.—As a subprogram of the
16 program under subsection (a), the Secretary of De-
17 fense shall carry out a pilot program to be known
18 as the ‘National Security Pipeline Pilot Program’
19 (referred to in this section as the ‘Pilot Program’)
20 under which the Secretary shall seek to enter into
21 partnerships with minority institutions to diversify
22 the participants in the program under subsection
23 (a).

24 “(2) ELEMENTS.—Under the Pilot Program,
25 the Secretary of Defense shall—

1 “(A) provide an appropriate amount of fi-
2 nancial assistance under subsection (c) to an in-
3 dividual who is pursuing an associate’s degree,
4 undergraduate degree, or advanced degree at a
5 minority institution;

6 “(B) provide such financial assistance to
7 recipients in conjunction with summer intern-
8 ship opportunities or other meaningful tem-
9 porary appointments within the Department;
10 and

11 “(C) periodically evaluate the success of
12 recruiting individuals for scholarships under
13 this subsection and on hiring and retaining
14 those individuals in the public sector workforce.

15 “(3) REPORTS.—

16 “(A) INITIAL REPORT.—Not later than
17 December 31, 2022, the Secretary of Defense
18 shall submit to the congressional defense com-
19 mittees a report on the establishment of the
20 Pilot Program. At a minimum, the report shall
21 identify the number of students participating in
22 the pilot program as of the date of the report,
23 the fields of study pursued by such students,
24 and the minority institutions at which such stu-
25 dents are enrolled.

1 “(B) FINAL REPORT.—Not later than Sep-
2 tember 30, 2024, the Secretary of Defense shall
3 submit to the congressional defense committees
4 a report that evaluates the success of the pilot
5 program in recruiting individuals for scholar-
6 ships under this section and hiring and retain-
7 ing those individuals in the public sector work-
8 force.

9 “(4) TERMINATION.—The Pilot Program shall
10 terminate on December 31, 2026.”;

11 (3) in subsection (c)(1), as so redesignated—

12 (A) in subparagraph (A), by striking “sub-
13 section (g)” and inserting “subsection (h)”; and

14 (B) in subparagraph (C), by striking “sub-
15 section (c)” and inserting “subsection (d)”; and

16 (4) in subsection (d), as so redesignated—

17 (A) by redesignating paragraph (3) as
18 paragraph (4); and

19 (B) by inserting after paragraph (2) the
20 following new paragraph:

21 “(3) Pursuant to regulations prescribed by the
22 Secretary of Defense for such purpose, a scholarship
23 recipient who is not serving in the Armed Forces at
24 the time the scholarship is received may fulfill the

1 condition described in paragraph (1) by serving on
2 active duty in the Armed Forces.”; and

3 (5) by amending subsection (i), as so redesign-
4 nated, to read as follows:

5 “(i) DEFINITIONS.—In this section:

6 “(1) The term ‘institution of higher education’
7 has the meaning given such term in section 101 of
8 the Higher Education Act of 1965 (20 U.S.C.
9 1001).

10 “(2) The term ‘minority institution’ means an
11 institution of higher education at which not less
12 than 50 percent of the total student enrollment con-
13 sists of students from ethnic groups that are under-
14 represented in the fields of science and engineer-
15 ing.”.

1 **SEC. 213 [Log 70918]. CODIFICATION OF THE NATIONAL SE-**
2 **CURITY INNOVATION NETWORK.**

3 (a) CODIFICATION.—

4 (1) IN GENERAL.—Chapter 139 of title 10,
5 United States Code, is amended by inserting after
6 section 2358b the following new section:

7 **“§ 2358c. National Security Innovation Network**

8 “(a) ESTABLISHMENT.—The Secretary of Defense
9 shall establish a program office to be known as the ‘Na-
10 tional Security Innovation Network’ (referred to in this
11 section as the ‘Network’). The Secretary shall establish
12 the Network within the Office of the Under Secretary of
13 Defense for Research and Engineering or within the office
14 of another principal staff assistant to the Secretary.

15 “(b) RESPONSIBILITIES.—The responsibilities of the
16 Network shall be—

17 “(1) to create a network throughout the United
18 States that connects the Department of Defense to
19 academic institutions, commercial accelerators and
20 incubators, commercial innovation hubs, and non-
21 profit entities with missions relating to national se-
22 curity innovation;

23 “(2) to expand the national security innovation
24 base through integrated, project-based problem solv-
25 ing that leads to novel concept and solution develop-

1 ment for the Department and facilitates dual-use
2 venture creation;

3 “(3) to accelerate the adoption of novel con-
4 cepts and solutions by facilitating dual-use tech-
5 nology advancement to improve acquisition and pro-
6 curement outcomes;

7 “(4) to work in coordination with the Under
8 Secretary of Defense for Personnel and Readiness,
9 other principal staff assistants within the Office of
10 the Secretary, and the Armed Forces to create new
11 pathways and models of national security service
12 that facilitate term, temporary, and permanent em-
13 ployment within the Department for—

14 “(A) students and graduates in the fields
15 of science, technology, arts, engineering, and
16 mathematics;

17 “(B) early-career and mid-career tech-
18 nologists; and

19 “(C) entrepreneurs for purposes of project-
20 based work;

21 “(5) to generate novel concepts and solutions to
22 problems and requirements articulated by entities
23 within the Department through programs, such as
24 the Hacking for Defense program, that combine end
25 users from the Department, students and faculty

1 from academic institutions, and the early-stage dual-
2 use venture community;

3 “(6) to establish physical locations throughout
4 the United States through which the Network will
5 connect with academic and private sector partners
6 for the purposes of carrying the responsibilities de-
7 scribed in paragraphs (1) through (5); and

8 “(7) to carry out such other activities as the
9 Secretary of Defense, in consultation with the head
10 of the Network, determines to be relevant to such
11 responsibilities.

12 “(c) AUTHORITIES.—In addition to the authorities
13 provided under this section, in carrying out this section,
14 the Secretary of Defense may use the following authori-
15 ties:

16 “(1) Section 1599g of this title relating to pub-
17 lic-private talent exchanges.

18 “(2) Section 2368 of this title, relating to Cen-
19 ters for Science, Technology, and Engineering Part-
20 nerships.

21 “(3) Section 2374a of this title, relating to
22 prizes for advanced technology achievements.

23 “(3) Section 2474 of this title, relating to Cen-
24 ters of Industrial and Technical Excellence.

1 “(4) Section 2521 of this title, relating to the
2 Manufacturing Technology Program.

3 “(5) Subchapter VI of chapter 33 of title 5, re-
4 lating to assignments to and from States.

5 “(6) Chapter 47 of such title, relating to per-
6 sonnel research programs and demonstration
7 projects.

8 “(7) Section 12 of the Stevenson-Wydler Tech-
9 nology Innovation Act of 1980 (15 U.S.C. 3710a)
10 and section 6305 of title 31 relating to cooperative
11 research and development agreements.

12 “(8) Such other authorities as the Secretary
13 considers appropriate.

14 “(d) DEFINITIONS.—In this section:

15 “(1) The term ‘dual-use venture’ means a busi-
16 ness that provides products or services that are ca-
17 pable of meeting requirements for military and non-
18 military applications.

19 “(2) The term ‘early-stage dual-use venture’
20 means a business that provides products or services
21 that are capable of meeting requirements for mili-
22 tary and nonmilitary applications that has raised not
23 more than \$20,000,000 in private venture capital,
24 and whose principal product or service does not sup-

1 port, either directly or indirectly, a current Depart-
2 ment of Defense program of record.”.

3 (2) CLERICAL AMENDMENT.—The table of sec-
4 tions at the beginning of such chapter is amended
5 by inserting after the item relating to section 2358b
6 the following new item:

“2358c. National Security Innovation Network.”.

7 (b) IMPLEMENTATION.—

8 (1) TRANSFERS FROM OTHER DOD ELE-
9 MENTS.—The Secretary of Defense may transfer to
10 the National Security Innovation Network estab-
11 lished under section 2358c of title 10, United States
12 Code (as added by subsection (a)) such personnel,
13 resources, and functions of other organizations and
14 elements of the Department of Defense as the Sec-
15 retary considers appropriate to carry out such sec-
16 tion.

17 (2) INTEGRATION WITH EXISTING NSIN.—Ef-
18 fective on the date of the enactment of this Act, the
19 National Security Innovation Network of the De-
20 partment of Defense (as in existence on the day be-
21 fore such date of enactment) shall be transferred to
22 and merged with the National Security Innovation
23 Network established under section 2358c of title 10,
24 United States Code (as added by subsection (a)).

25 (3) IMPLEMENTATION PLAN.—

1 (A) IN GENERAL.—Not later than 180
2 days after the date of the enactment of this
3 Act, the Secretary of Defense shall submit to
4 the congressional defense committees a plan for
5 implementing the National Security Innovation
6 Network under section 2358c of title 10, United
7 States Code (as added by subsection (a)).

8 (B) ELEMENTS.—The plan required under
9 paragraph (1) shall include the following:

10 (i) Plans for any transfers the Sec-
11 retary intends to carry out under para-
12 graph (1).

13 (ii) Plans for the funding, integration,
14 and evaluation of the Network, including
15 plans for —

16 (I) future funding and adminis-
17 trative support of the Network;

18 (II) integration of the Network
19 into the programming, planning,
20 budgeting, and execution process of
21 the Department of Defense;

22 (III) integration of the Network
23 with the other programs and initia-
24 tives within the Department that have
25 missions relating to innovation and

1 outreach to the academic and the pri-
2 vate sector early-stage dual-use ven-
3 ture community (as defined in section
4 2358c of title 10, United States Code
5 (as added by subsection (a))); and

6 (IV) performance indicators by
7 which the Network will be assessed
8 and evaluated.

9 (iii) A description of any additional
10 authorities the Secretary may require to
11 ensure that the Network is able to effec-
12 tively carry out the responsibilities speci-
13 fied in section 2358c(e) of title 10, United
14 States Code (as added by subsection (a)).

15 (c) COMPTROLLER GENERAL REVIEWS AND RE-
16 PORTS.—

17 (1) REVIEW AND REPORT ON IMPLEMENTATION
18 PLAN.—Not later than 180 days after the date on
19 which the implementation plan is submitted under
20 subsection (b)(3), the Comptroller General of the
21 United States shall—

22 (A) complete a review of the implementa-
23 tion plan;

1 (B) submit to the congressional defense
2 committees a report on the results of the re-
3 view.

4 (2) PROGRAM EVALUATION AND REPORT.—

5 (A) IN GENERAL.—Not later than three
6 years after the date of the enactment of this
7 Act, the Comptroller General of the United
8 States shall—

9 (i) complete an evaluation of the Na-
10 tional Security Innovation Network under
11 section 2358c of title 10, United States
12 Code (as added by subsection (a)); and

13 (ii) submit to the appropriate congres-
14 sional committees a report on the results
15 of the evaluation.

16 (B) APPROPRIATE CONGRESSIONAL COM-
17 MITTEES DEFINED.—In this paragraph, the
18 term “appropriate congressional committees”
19 means—

20 (i) the congressional defense commit-
21 tees;

22 (ii) the Committee on Homeland Se-
23 curity and Governmental Affairs of the
24 Senate; and

- 1 (iii) the Committee on Oversight and
- 2 Government Reform of the House of Rep-
- 3 resentatives.

1 **SEC. 216 [Log 70911]. DIGITAL DATA MANAGEMENT AND**
2 **ANALYTICS CAPABILITY.**

3 (a) DIGITAL DATA MANAGEMENT AND ANALYTICS
4 CAPABILITY.—

5 (1) IN GENERAL.—The Secretary of Defense
6 shall develop and implement an advanced digital
7 data management and analytics capability to be
8 used—

9 (A) to digitally integrate all elements of
10 the acquisition process of the Department of
11 Defense;

12 (B) to digitally record and track all rel-
13 evant data generated during the research, devel-
14 opment, testing, and evaluation of systems; and

15 (C) to maximize the use of such data to in-
16 form—

17 (i) the further development and im-
18 provement of such systems; and

19 (ii) the acquisition process for such
20 systems.

21 (2) REQUIREMENTS.—The capability developed
22 under paragraph (1) shall meet the following re-
23 quirements:

24 (A) The capability will be accessible to,
25 and useable by, individuals throughout the De-
26 partment of Defense who have responsibilities

1 relating to capability requirements, research,
2 design, development, testing, evaluation, acqui-
3 sition, management, operations, and
4 sustainment of systems.

5 (B) The capability will provide for the de-
6 velopment, use, curation, and maintenance of
7 authoritative and technically accurate digital
8 systems—

9 (i) to reduce the burden of reporting
10 by officials responsible for executing pro-
11 grams;

12 (ii) to ensure shared access to data
13 within the Department;

14 (iii) to supply data to digital engineer-
15 ing models for use in the defense acquisi-
16 tion process;

17 (iv) to supply data to testing infra-
18 structure and software to support auto-
19 mated approaches for testing, evaluation,
20 and deployment throughout the defense ac-
21 quisition process; and

22 (v) to provide timely analyses to De-
23 partment leadership.

24 (C) The capability will be designed—

1 (i) to improve data management proc-
2 esses in the research, development, acquisi-
3 tion, and sustainment activities of the De-
4 partment;

5 (ii) to provide decision makers in the
6 Department with timely, high-quality,
7 transparent, and actionable analyses for
8 optimal development, acquisition, and
9 sustainment decision making and execu-
10 tion;

11 (iii) to facilitate productivity, dis-
12 covery, access, knowledge sharing, and
13 analysis of acquisition-related data across
14 organizational boundaries at all levels of
15 the Department, including through the de-
16 velopment of acquisition documentation;
17 and

18 (iv) to build and improve analytical
19 models and simulations to enhance the de-
20 velopment, test, and use of weapon sys-
21 tems.

22 (3) SOFTWARE REQUIREMENT.—

23 (A) IN GENERAL.—The capability devel-
24 oped under paragraph (1) shall include software
25 to collect, organize, manage, make available,

1 and analyze relevant data throughout the life
2 cycle of defense acquisition programs, including
3 any data needed to satisfy milestone require-
4 ments and reviews.

5 (B) PROCUREMENT AUTHORITY.—The
6 software described in subparagraph (A) may be
7 developed or procured using the authorities pro-
8 vided under section 800 of the National De-
9 fense Authorization Act for Fiscal Year 2020
10 (Public Law 116–92; 133 Stat. 1478).

11 (4) REVIEW.—In developing the capability re-
12 quired under paragraph (1) the Secretary of Defense
13 shall—

14 (A) review data content and requirements
15 to support planning and reporting of functions
16 and remove redundant data requests across
17 functions.

18 (B) based on such review, develop rec-
19 ommended approaches for—

20 (i) moving supporting processes from
21 analog to digital format, including plan-
22 ning and reporting processes;

23 (ii) making new data active through
24 digitalization;

1 (iii) making legacy data, including
2 data currently residing in program docu-
3 mentation, active through digitalization;
4 and

5 (iv) modernizing the storage, retrieval,
6 and reporting capabilities for stakeholders
7 within the Department, including research
8 entities, Program Management Offices,
9 analytic organizations, enterprise oversight,
10 and decision makers.

11 (b) DEMONSTRATION ACTIVITIES.—

12 (1) IN GENERAL.—The Secretary of Defense
13 shall carry out demonstration activities to test var-
14 ious approaches to building the capability required
15 under subsection (a).

16 (2) PROGRAM SELECTION.—Not later than 180
17 days after the date of the enactment of this Act, the
18 Secretary of Defense shall assess and select not
19 fewer than two and not more than five programs of
20 the Department of Defense to participate in the
21 demonstration activities under paragraph (1), in-
22 cluding—

23 (A) one or more acquisition data manage-
24 ment test cases; and

1 (B) one or more development and test
2 modeling and simulation test cases to dem-
3 onstrate the ability to collect data from tests
4 and operations in the field, and feed the data
5 back into models and simulations for better
6 software development and testing.

7 (3) ADDITIONAL REQUIREMENTS.—As part of
8 the demonstration activities under paragraph (1),
9 the Secretary shall—

10 (A) conduct a comparative analysis that
11 assesses the risks and benefits of the digital
12 management and analytics capability used in
13 each of the programs participating in the dem-
14 onstration activities relative to the Depart-
15 ment’s traditional data collection, reporting, ex-
16 posing, and analysis approaches;

17 (B) ensure that the intellectual property
18 strategy for each of the programs participating
19 in the demonstration activities is best aligned to
20 meet the goals of the program; and

21 (C) develop a workforce and infrastructure
22 plan to support any new policies and guidance
23 implemented in connection with the demonstra-
24 tion activities, including any policies and guid-

1 ance implemented after the completion of such
2 activities.

3 (c) POLICIES AND GUIDANCE REQUIRED.—Not later
4 than 18 months after the date of the enactment of this
5 Act, based on the results of the demonstration activities
6 carried out under subsection (b), the Secretary of Defense
7 shall issue or modify policies and guidance to—

8 (1) promote the use of digital management and
9 analytics capabilities; and

10 (2) address roles, responsibilities, and proce-
11 dures relating to such capabilities.

12 (d) STEERING COMMITTEE.—

13 (1) IN GENERAL.—The Secretary of Defense
14 shall establish a steering committee to assist the
15 Secretary in carrying out subsections (a) through
16 (c).

17 (2) MEMBERSHIP.—The steering committee
18 shall be composed of the following members or their
19 designees:

20 (A) The Chief Management Officer.

21 (B) The Chief Information Officer.

22 (C) The Director of Cost Assessment and
23 Program Evaluation.

24 (D) The Under Secretary of Defense for
25 Research and Engineering.

1 (E) The Under Secretary of Defense for
2 Acquisition and Sustainment.

3 (F) The Director of Operational Test and
4 Evaluation.

5 (G) The Service Acquisition Executives.

6 (H) The Director for Force Structure, Re-
7 sources, and Assessment of the Joint Staff

8 (I) The Director of the Defense Digital
9 Service.

10 (e) INDEPENDENT ASSESSMENTS.—

11 (1) INITIAL ASSESSMENT.—

12 (A) IN GENERAL.—The Defense Innova-
13 tion Board, in consultation with the Defense
14 Digital Service, shall conduct an independent
15 assessment to identify recommended approaches
16 for the implementation of subsections (a)
17 through (c).

18 (B) ELEMENTS.—The assessment under
19 subparagraph (A) shall include the following:

20 (i) A plan for the development and
21 implementation of the capability required
22 under subsection (a), including a plan for
23 any procurement that may be required as
24 part of such development and implementa-
25 tion.

1 (ii) An independent cost assessment of
2 the total estimated cost of developing and
3 implementing the capability.

4 (iii) An independent estimate of the
5 schedule for the development and imple-
6 mentation of the capability, including a
7 reasonable estimate of the dates on which
8 the capability can be expected to achieve
9 initial operational capability and full oper-
10 ational capability, respectively.

11 (iv) A recommendation identifying the
12 office or other organization of the Depart-
13 ment of Defense that would be most ap-
14 propriate to manage and execute the capa-
15 bility.

16 (C) REPORT.—Not later than 180 days
17 after the date of the enactment of this Act, the
18 Defense Innovation Board, in consultation with
19 the Defense Digital Service, shall submit to the
20 Secretary of Defense and the congressional de-
21 fense committees a report on the findings of the
22 assessment under subparagraph (A), including
23 the findings of the assessment with respect to
24 each element specified in subparagraph (B).

25 (2) FINAL ASSESSMENT.—

1 (A) IN GENERAL.—Not later than March
2 15, 2022, the Defense Innovation Board and
3 the Defense Science Board shall jointly com-
4 plete an independent assessment of the progress
5 of the Secretary in implementing subsections
6 (a) through (c). The Secretary of Defense shall
7 ensure that the Defense Innovation Board and
8 the Defense Science Board have access to the
9 resources, data, and information necessary to
10 complete the assessment.

11 (B) INFORMATION TO CONGRESS.—Not
12 later than 30 days after the date on which the
13 assessment under subparagraph (A) is com-
14 pleted, the Defense Innovation Board and the
15 Defense Science Board shall jointly provide to
16 the congressional defense committees—

17 (i) a report summarizing the assess-
18 ment; and

19 (ii) a briefing on the findings of the
20 assessment.

21 (f) REPORT AND BRIEFING.—

22 (1) REPORT ON IMPLEMENTATION.—Not later
23 than 90 days after the date on which the report de-
24 scribed in subsection (e)(1)(C) is submitted to the
25 congressional defense committees, the Secretary of

1 Defense shall submit to the congressional defense
2 committees a report on the progress of the Secretary
3 in implementing subsections (a) through (c). The re-
4 port shall include an explanation of how the results
5 of the demonstration activities carried out under
6 subsection (b) will be incorporated into the policy
7 and guidance required under subsection (c), particu-
8 larly the policy and guidance of the members of the
9 steering committee established under subsection (d).

10 (2) BRIEFING ON LEGISLATIVE RECOMMENDA-
11 TIONS.—Not later than October 15, 2021, the Sec-
12 retary of Defense shall provide to the Committee on
13 Armed Services of the House of Representatives a
14 briefing that identifies any changes to existing law
15 that may be necessary to facilitate the implementa-
16 tion of subsections (a) through (c).

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

3 **SEC. 301 [Log 70871]. AUTHORIZATION OF APPROPRIA-**
4 **TIONS.**

5 Funds are hereby authorized to be appropriated for
6 fiscal year 2021 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. 333 [Log 71519]. INDEPENDENT ADVISORY PANEL ON**
2 **WEAPON SYSTEM SUSTAINMENT.**

3 (a) ESTABLISHMENT.—The Secretary of Defense
4 shall establish an independent advisory panel (in this sec-
5 tion referred to as the “panel”) on the weapon system
6 sustainment ecosystem. The National Defense University
7 and the Defense Acquisition University shall sponsor the
8 panel, including by providing administrative support.

9 (b) MEMBERSHIP.—

10 (1) COMPOSITION.—The panel shall be com-
11 prised of nine members, of whom—

12 (A) five shall be appointed by the Sec-
13 retary of Defense;

14 (B) one shall be appointed by the Chair-
15 man of the Committee on Armed Services of
16 the Senate;

17 (C) one shall be appointed by the Ranking
18 Member of the Committee on Armed Services of
19 the Senate;

20 (D) one shall be appointed by the Chair-
21 man of the Committee on Armed Services of
22 the House of Representatives; and

23 (E) one shall be appointed by the Ranking
24 Member of the Committee on Armed Services of
25 the House of Representatives.

1 (2) EXPERTISE.—In making appointments
2 under this subsection, consideration should be given
3 to individuals with expertise in public and private-
4 sector acquisition, sustainment, and logistics policy
5 in aviation, ground, maritime systems, and space
6 systems and their related components.

7 (3) APPOINTMENT DATE.—The appointment of
8 the members of the panel shall be made not later
9 than 120 days after the date of the enactment of
10 this Act.

11 (c) DUTIES.—The panel shall—

12 (1) review the weapon system sustainment eco-
13 system from development, production, and
14 sustainment of the weapon system through use in
15 the field, depot and field-level maintenance, modi-
16 fication, and disposal with a goal of—

17 (A) maximizing the availability and mis-
18 sion capabilities of weapon systems;

19 (B) reducing overall life-cycle costs of
20 weapon systems during fielding, operation and
21 sustainment; and

22 (C) aligning weapon system sustainment
23 functions to the most recent national defense
24 strategy submitted pursuant to section 113 of
25 title 10, United States Code; and

1 (2) using information from the review of the
2 weapon system sustainment ecosystem, make rec-
3 ommendations related to statutory, regulatory, pol-
4 icy, or operational best practices the panel considers
5 necessary.

6 (d) REPORT.—

7 (1) INTERIM REPORT.—Not later than one year
8 after the date on which all members of the panel
9 have been appointed, the panel shall provide to the
10 Secretary of Defense and the Committees on Armed
11 Services of the Senate and House of Representatives
12 a briefing on the interim findings and recommenda-
13 tions of the panel.

14 (2) FINAL REPORT.—Not later than two years
15 after the date on which all members of the panel
16 have been appointed, the panel shall submit to the
17 Secretary of Defense and the Committees on Armed
18 Services of the Senate and House of Representatives
19 a report setting for a detailed statement of the find-
20 ings and conclusions the panel as a result of the re-
21 view described in subsection (c), together with such
22 recommendations related to statutory, regulatory,
23 policy, or operational practices as the panel con-
24 siders appropriate in light of the results of the re-
25 view.

1 (e) ADMINISTRATIVE MATTERS.—

2 (1) IN GENERAL.—The Secretary of Defense
3 shall provide the panel with timely access to appro-
4 priate information, data, resources, analysis, and lo-
5 gistics support so that the panel may conduct a
6 thorough and independent assessment as required
7 under this section.

8 (2) EFFECT OF LACK OF APPOINTMENT BY AP-
9 POINTMENT DATE.—If any member has not been ap-
10 pointed by the date specified in subsection (b)(3),
11 the authority to appoint such member under sub-
12 section (b)(1) shall expire, and the number of mem-
13 bers of the panel shall be reduced by the number
14 equal to the number of appointments so not made.

15 (3) PERIOD OF APPOINTMENT; VACANCIES.—
16 Members of the panel shall be appointed for the du-
17 ration of the panel. Any vacancy in the panel shall
18 not affect its powers, but shall be filled in the same
19 manner as the original appointment.

20 (4) CHAIR.—The panel shall select a Chair
21 from among its members. The Chair may not be a
22 Federal officer or employee.

23 (f) TERMINATION.—The panel shall terminate 90
24 days after the date on which the panel submits the report
25 required under subsection (d)(2).

1 **SEC. 335 [Log 71583]. MATERIEL READINESS METRICS AND**
2 **OBJECTIVES FOR MAJOR WEAPON SYSTEMS.**

3 (a) IN GENERAL.—Section 118 of title 10, United
4 States Code is amended—

5 (1) by amending the section heading to read as
6 follows: “**Materiel readiness metrics and**
7 **objectives for major weapon systems**”;

8 (2) by striking “Not later than five days” and
9 inserting the following:
10 “(d) BUDGET JUSTIFICATION.—Not later than five
11 days”;

12 (3) by inserting before subsection (d) (as des-
13 ignated by paragraph (2)) the following new sub-
14 sections:

15 “(a) MATERIEL READINESS METRICS.—Each head
16 of an element of the Department specified in paragraphs
17 (1) through (10) of section 111(b) of this title shall estab-
18 lish and maintain materiel readiness metrics to enable as-
19 sessment of the readiness of members of the armed forces
20 to carry out—

21 “(1) the strategic framework required by sec-
22 tion 113(g)(1)(B)(vii) of this title; and

23 “(2) guidance issued by the Secretary of De-
24 fense pursuant to section 113(g)(1)(B) of this title.

25 “(b) REQUIRED METRICS.—At a minimum, the ma-
26 teriel readiness metrics required by subsection (a) shall

1 address the materiel availability, operational availability,
2 operational capability, and materiel reliability of each
3 major weapon system by designated mission, design series,
4 variant, or class.

5 “(c) MATERIEL READINESS OBJECTIVES.—(1) Not
6 later than one year after the date of the enactment of this
7 Act, each head of an element described in subsection (a)
8 shall establish the metrics required by subsection (b) nec-
9 essary to support the strategic framework and guidance
10 referred to in paragraph (1) and (2) of subsection (a).

11 “(2) Annually, each head of an element described in
12 subsection (a) shall review and revise the metrics required
13 by subsection (b) and include any such revisions in the
14 materials submitted to Congress in support of the budget
15 of the President under section 1105 of title 31.”;

16 (4) in subsection (d) (as designated by para-
17 graph (2))—

18 (A) in paragraph (1)—

19 (i) by striking “materiel reliability,
20 and mean down time metrics for each
21 major weapons system” and inserting
22 “operational availability, and materiel reli-
23 ability for each major weapon system”;
24 and

25 (ii) by inserting “and” at the end;

1 (B) in paragraph (2), by striking “; and”
2 and inserting a period at the end; and

3 (C) by striking paragraph (3); and
4 (5) by adding at the end the following new sub-
5 section:

6 “(e) DEFINITIONS.—In this section:

7 “(1) The term ‘major weapon system’ has the
8 meaning given in section 2379(f) of this title.

9 “(2) The term ‘materiel availability’ means a
10 measure of the percentage of the total inventory of
11 a major weapon system that is operationally capable
12 of performing an assigned mission.

13 “(3) The term ‘materiel reliability’ means the
14 probability that a major weapon system will perform
15 without failure over a specified interval.

16 “(4) The term ‘operational availability’ means a
17 measure of the percentage of time a major weapon
18 system is operationally capable.

19 “(5) The term ‘operationally capable’ means a
20 materiel condition indicating that a major weapon
21 system is capable of performing its assigned mission
22 and has no discrepancies with a subsystem of a
23 major weapon system.”.

24 (b) CLERICAL AMENDMENT.—The table of sections
25 at the beginning of chapter 2 of title 10, United States

1 Code, is amended by striking the item relating to section
2 118 and inserting the following new item:

“118. Materiel readiness metrics and objectives for major defense acquisition
programs.”.

3 (c) BRIEFING.—Not later than October 1, 2021, the
4 Secretary of Defense shall brief the congressional defense
5 committees regarding the implementation of the materiel
6 readiness metrics required under section 118 of title 10,
7 United States Code, as amended by subsection (a).

1 **Subtitle E—Other Matters**

2 **SEC. 351 [Log 71356]. PILOT PROGRAM FOR TEMPORARY**
3 **ISSUANCE OF MATERNITY-RELATED UNI-**
4 **FORM ITEMS.**

5 (a) PILOT PROGRAM.—The Director of the Defense
6 Logistics Agency, in coordination with the Secretaries con-
7 cerned, shall carry out a pilot program under which each
8 Secretary concerned shall establish an office for issuing
9 maternity-related uniform items to pregnant members of
10 the Armed Forces, on a temporary basis and at no cost
11 to such member. In carrying out the pilot program, the
12 Director shall take the following actions:

13 (1) The Director shall ensure that such offices
14 maintain a stock of each type of maternity-related
15 uniform item determined necessary by the Secretary
16 concerned, including service uniforms items, utility
17 uniform items, and other items relating to the com-
18 mand and duty assignment of the member requiring
19 issuance.

20 (2) The Director shall ensure that such items
21 have not been treated with the chemical permethrin.

22 (3) The Director, in coordination with the Sec-
23 retary concerned, shall determine a standard number
24 of maternity-related uniform items that may be
25 issued per member.

1 (4) The Secretary concerned shall ensure that
2 any member receiving a maternity-related uniform
3 item returns such item to the relevant office estab-
4 lished under paragraph (1) on the date on which the
5 Secretary concerned determines the member no
6 longer requires such item.

7 (5) The Secretary concerned shall inspect, proc-
8 ess, repair, clean, and re-stock items returned by a
9 member pursuant to paragraph (4) for re-issuance
10 from such relevant office.

11 (6) The Director, in coordination with the Sec-
12 retaries concerned, may issue such guidance and
13 regulations as necessary to carry out the pilot pro-
14 gram.

15 (b) TERMINATION.—No maternity-related uniform
16 items may be issued to a member of the Armed Forces
17 under the pilot program after September 30, 2026.

18 (c) REPORT.—Not later than September 30, 2025,
19 the Director of the Defense Logistics Agency, in coordina-
20 tion with the Secretaries concerned, shall submit to the
21 congressional defense committees a report on the pilot
22 program. Such report shall include each of the following:

23 (1) For each year during which the pilot pro-
24 gram was carried out, the number of members of the

1 Armed Forces who received a maternity-related uni-
2 form item under the pilot program.

3 (2) An overview of the costs associated with,
4 and any savings realized by, the pilot program, in-
5 cluding a comparison of the cost of maintaining a
6 stock of maternity-related uniform items for
7 issuance under the pilot program versus the cost of
8 providing allowances to members for purchasing
9 such items.

10 (3) A recommendation on whether the pilot pro-
11 gram should be extended after the date of termi-
12 nation under subsection (b) and whether legislation
13 is necessary for such extension.

14 (4) Any other matters that the Secretary of De-
15 fense determines appropriate.

16 (d) AUTHORIZATION OF APPROPRIATIONS.—Of the
17 amounts authorized to be appropriated for operation and
18 maintenance, Defense-wide, for fiscal year 2021, as speci-
19 fied in the funding table in section 4301, \$10,000,000
20 shall be available for implementation of the pilot program.

1 **SEC. 352 [Log 71504]. SERVICEWOMEN’S COMMEMORATIVE**
2 **PARTNERSHIPS.**

3 (a) IN GENERAL.—The Secretary of the Army may
4 enter into a contract, partnership, or grant with a non-
5 profit organization for the purpose of providing financial
6 support for the maintenance and sustainment of infra-
7 structure and facilities at military service memorials and
8 museums that highlight the role of women in the military.
9 Such a contract, partnership, or grant shall be referred
10 to as a “Servicewomen’s Commemorative Partnership”.

11 (b) AUTHORIZATION OF APPROPRIATIONS.—Of the
12 amounts authorized to be appropriated for fiscal year
13 2021, as identified in division D of this Act, \$3,000,000
14 shall be available for Servicewomen’s Commemorative
15 Partnerships under subsection (a).

1 **SEC. 554 [Log 70994]. 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 2021
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 2021 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 mentary and Secondary Education Act of 1965 (20 U.S.C.
2 7713(9)).

1 **SEC. 603 [log70901]. REORGANIZATION OF CERTAIN ALLOW-**
2 **ANCES OTHER THAN TRAVEL AND TRANS-**
3 **PORTATION ALLOWANCES.**

4 (a) PER DIEM FOR DUTY OUTSIDE THE CONTI-
5 NENTAL UNITED STATES.—

6 (1) TRANSFER TO CHAPTER 7.—Section 475 of
7 title 37, United States Code, is transferred to chap-
8 ter 7 of such title, inserted after section 403b, and
9 redesignated as section 405.

10 (2) REPEAL OF TERMINATION PROVISION.—
11 Section 405 of title 37, United States Code, as
12 added by paragraph (1), is amended by striking sub-
13 section (f).

14 (b) ALLOWANCE FOR FUNERAL HONORS DUTY.—

15 (1) TRANSFER TO CHAPTER 7.—Section 495 of
16 title 37, United States Code, is transferred to chap-
17 ter 7 of such title, inserted after section 433a, and
18 redesignated as section 435.

19 (2) REPEAL OF TERMINATION PROVISION.—
20 Section 435 of title 37, United States Code, as
21 added by paragraph (1), is amended by striking sub-
22 section (c).

23 (c) CLERICAL AMENDMENTS.—

24 (1) CHAPTER 7.—The table of sections at the
25 beginning of chapter 7 of title 37, United States
26 Code, is amended—

1 (A) by inserting after the item relating to
2 section 403b the following new item:

“405. Travel and transportation allowances: per diem while on duty outside the
continental United States.”; and

3 (B) by inserting after the item relating to
4 section 433a the following new item:

“435. Funeral honors duty: allowance.”.

5 (2) CHAPTER 8.—The table of sections at the
6 beginning of chapter 8 of title 37, United States
7 Code, is amended by striking the items relating to
8 sections 475 and 495.

1 **SEC. 624 [log71301]. STUDY ON FEASIBILITY OF TSP CON-**
2 **TRIBUTIONS BY MILITARY SPOUSES.**

3 (a) STUDY REQUIRED.—The Secretary of Defense
4 shall conduct a study on potential enhancements to the
5 military Thrift Savings Plan administered by the Federal
6 Retirement Thrift Investment Board.

7 (b) ELEMENTS.—The study under subsection (a)
8 shall include the following:

9 (1) An evaluation of the effect of allowing mili-
10 tary spouses to contribute or make eligible retire-
11 ment account transfers to the military Thrift Sav-
12 ings Plan account of the member of the Armed
13 Forces to whom that military spouse is married.

14 (2) Legislation the Secretary determines nec-
15 essary to permit contributions and transfers de-
16 scribed in paragraph (1).

17 (3) An evaluation of whether and to what ex-
18 tent employer-funded matching of contributions de-
19 scribed in paragraph (1) may encourage further par-
20 ticipation in the military Thrift Savings Plan.

21 (c) REPORTING.—

22 (1) INITIAL REPORT.—Not later than February
23 1, 2021, the Secretary of Defense shall submit to
24 the Federal Retirement Thrift Investment Board a
25 report on the results of the study under subsection
26 (a).

1 (2) ANALYSIS.—Not later than 60 days after
2 receiving the report under paragraph (1), the Fed-
3 eral Thrift Savings Retirement Board shall analyze
4 the report under paragraph (1), generate rec-
5 ommendations and comments it determines appro-
6 priate, and submit such analysis, recommendations,
7 and comments to the Secretary.

8 (3) FINAL REPORT.—Not later than April 1,
9 2021, the Secretary shall submit to the Committees
10 on Armed Services of the Senate and House of Rep-
11 resentatives the report under paragraph (1) and the
12 analysis, recommendations, and comments under
13 paragraph (2).

Subtitle E—Other Personnel
Benefits

SEC. 641 [log71135]. MAINTENANCE OF FUNDING FOR STARS
AND STRIPES.

(a) FUNDING.—

(1) OPERATION AND MAINTENANCE.—Of the amounts authorized to be appropriated for fiscal year 2021 in Division D of this Act and available for operations and maintenance for Defense-wide activities as specified in the funding table in section 4301 of this Act, \$9,000,000 shall be made available for the purpose of maintaining the operations and publication of Stars and Stripes.

(2) CONTINGENCY OPERATIONS.—Of the amounts authorized to be appropriated for fiscal year 2021 in Division D of this Act and available for overseas contingency operations for Defense-wide activities as specified in the funding tables in section 4301 of this Act, \$6,000,000 shall be made available for the purpose of maintaining the operations and publication of Stars and Stripes

(b) REPORT ON BUSINESS CASE ANALYSIS.—Not later than March 1, 2021, the Secretary of Defense, in coordination with the editor of Stars and Stripes, shall submit a report to the Committees on Armed Services of

1 the Senate and the House of Representatives detailing the
2 business case analysis for various options for Stars and
3 Stripes. The report shall contain the following elements:

4 (1) An analysis of the pros and cons of, and
5 business case for, continuing the operation and pub-
6 lication of Stars and Stripes at its current levels, in-
7 cluding other options for the independent reporting
8 currently provided, especially in a deployed environ-
9 ment.

10 (2) An analysis of the modes of communication
11 used by Stars and Stripes.

12 (3) An analysis of potential reduced operations
13 of Stars and Stripes.

14 (4) An analysis of the operation of Stars and
15 Stripes solely as a non-appropriated entity.

16 (5) An analysis of operating Stars and Stripes
17 as a category B morale, welfare, and recreation enti-
18 ty.

19 (6) An assessment of the value of the avail-
20 ability of Stars and Stripes (in print or an electronic
21 version) to deployed or overseas members of the
22 Armed Forces.

1 **Subtitle A—Acquisition Policy and**
2 **Management**

3 **SEC. 801 [Log 71091]. CONGRESSIONAL NOTIFICATION OF**
4 **TERMINATION OF A MIDDLE TIER ACQUISI-**
5 **TION PROGRAM.**

6 Section 804 of the National Defense Authorization
7 Act for Fiscal Year 2016 (Public Law 114–92; 10 U.S.C.
8 2302 note), is amended by adding at the end the following
9 new subsection:

10 “(e) REPORT.—Not later than 30 days after the date
11 of termination of an acquisition program commenced
12 using the authority under this section, the Secretary of
13 Defense shall submit to Congress a notification of such
14 termination. Such notice shall include—

15 “(1) the initial amount of a contract awarded
16 under such acquisition program;

17 “(2) the aggregate amount of funds awarded
18 under such contract; and

19 “(3) written documentation of the reason for
20 termination of such acquisition program.”.

1 **SEC. 802 [Log 71296]. MODIFICATION TO THE DEFINITION**
2 **OF NONTRADITIONAL DEFENSE CON-**
3 **TRACTOR.**

4 Section 2302(9) of title 10, United States Code, is
5 amended to read as follows:

6 “(9) the term ‘nontraditional defense con-
7 tractor’, with respect to a procurement or with re-
8 spect to a transaction authorized under section
9 2371(a) or 2371b of this title, means—

10 “(A) an entity that is not currently per-
11 forming and has not performed, for at least the
12 one-year period preceding the solicitation of
13 sources by the Department of Defense for the
14 procurement or transaction, any contract or
15 subcontract for the Department of Defense that
16 is subject to full coverage under the cost ac-
17 counting standards prescribed pursuant to sec-
18 tion 1502 of title 41 and the regulations imple-
19 menting such section; or

20 “(B) a corporation all of the stock of
21 which is owned by an employee stock ownership
22 plan (as defined in section 4975(e)(7) of the In-
23 ternal Revenue Code of 1986).”.

1 **SEC. 803 [Log 71117]. CONTRACTOR BUSINESS SYSTEMS.**

2 Section 893 of the Ike Skelton National Defense Au-
3 thorization Act for Fiscal Year 2011 (Public Law 111–
4 383; 10 U.S.C. 2302 note) is amended—

5 (1) in subsection (b)—

6 (A) in paragraph (2), by striking “signifi-
7 cant deficiencies” and inserting “deficiencies
8 and material weaknesses”;

9 (B) in paragraph (4), by striking “signifi-
10 cant deficiency” and inserting “material weak-
11 ness”; and

12 (C) in paragraph (5)(A), by striking “sig-
13 nificant deficiency” and inserting “material
14 weakness”;

15 (2) in subsection (d)(1), by striking “significant
16 deficiencies” and inserting “material weaknesses”;

17 (3) in subsection (g)—

18 (A) in paragraph (3), by striking “signifi-
19 cant deficiency” and inserting “material weak-
20 ness”;

21 (B) by striking paragraph (4);

22 (C) by redesignating paragraph (5) as
23 paragraph (4); and

24 (D) by adding at the end the following new
25 paragraph:

1 “(5) The term ‘material weakness’ means a de-
2 ficiency or combination of deficiencies in the internal
3 control of a contractor business system used to com-
4 ply with contracting requirements of the Department
5 of Defense, or other shortcomings in such system,
6 such that there is a reasonable possibility that a ma-
7 terial noncompliance with contracting requirements
8 will not be prevented, or detected and corrected, on
9 a timely basis.”.

1 **SEC. 804 [Log 70935]. ACQUISITION AUTHORITY OF THE DI-**
2 **RECTOR OF THE JOINT ARTIFICIAL INTEL-**
3 **LIGENCE CENTER.**

4 (a) AUTHORITY.—

5 (1) IN GENERAL.—The Director of the Joint
6 Artificial Intelligence Center shall be responsible for,
7 and shall have the authority to conduct, the fol-
8 lowing covered activities:

9 (A) Development and acquisition of artifi-
10 cial intelligence technologies, services, and capa-
11 bilities.

12 (B) Sustainment of artificial intelligence
13 technologies, services, and capabilities.

14 (2) ACQUISITION FUNCTIONS.—Subject to the
15 authority, direction, and control of the Secretary of
16 Defense, the Director shall have authority to exer-
17 cise the functions of a head of an agency (as defined
18 in section 2302 of title 10, United States Code) with
19 respect to a covered activity described in paragraph
20 (1).

21 (b) JAIC ACQUISITION EXECUTIVE.—

22 (1) IN GENERAL.—The staff of the Director
23 shall include an acquisition executive who shall be
24 responsible for the supervision of covered activities
25 under subsection (a). The acquisition executive shall
26 have the authority—

1 (A) to negotiate memoranda of agreement
2 with any element of the Department of Defense
3 to carry out the acquisition of technologies,
4 services, and capabilities described in subsection
5 (a)(1) on behalf of the Center;

6 (B) to supervise the acquisition of tech-
7 nologies, services, and capabilities described in
8 subsection (a)(1);

9 (C) to represent the Center in discussions
10 with military departments regarding acquisition
11 programs relating to covered activities for which
12 the Center is involved; and

13 (D) to work with the military departments
14 to ensure that the Center is appropriately rep-
15 resented in any joint working group or inte-
16 grated product team regarding acquisition pro-
17 grams relating to covered activities for which
18 the Center is involved.

19 (2) DELIVERY OF ACQUISITION SOLUTIONS.—

20 The acquisition executive of the Center shall be—

21 (A) responsible to the Director for rapidly
22 delivering acquisition solutions to meet vali-
23 dated artificial intelligence requirements;

1 (B) subordinate to the Under Secretary of
2 Defense for Acquisition and Sustainment in
3 matters of acquisition;

4 (C) subject to the same oversight as the
5 service acquisition executives; and

6 (D) included on the distribution list for ac-
7 quisition directives and instructions of the De-
8 partment of Defense.

9 (c) ACQUISITION PERSONNEL.—

10 (1) IN GENERAL.—The Secretary of Defense
11 shall provide the Center with ten full-time employees
12 to support the Director in carrying out the require-
13 ments of this section. Such employees shall have ex-
14 perience in—

15 (A) program acquisition;

16 (B) the Joint Capabilities Integration and
17 Development System process;

18 (C) program management;

19 (D) system engineering; and

20 (E) cost analysis.

21 (2) EXISTING PERSONNEL.—The personnel pro-
22 vided under this subsection shall be provided from
23 among the existing personnel of the Department of
24 Defense.

1 (d) BUDGET.—Any budget proposal of the Center for
2 funding for any covered activity described under sub-
3 section (a) shall be disaggregated by the amount requested
4 for each covered activity.

5 (e) FUNDING.—In exercising the authority granted in
6 subsection (a), the Director may not obligate or expend
7 more than \$150,000,000 out of the funds made available
8 in each of fiscal years 2021, 2022, 2023, 2024, and 2025
9 to enter into new contracts to support covered activities
10 carried out under this section.

11 (f) IMPLEMENTATION PLAN REQUIRED.—

12 (1) IN GENERAL.—The Secretary of Defense
13 may use the authority granted under subsection (a)
14 30 days after the date on which the Secretary pro-
15 vides to the congressional defense committees a plan
16 for implementation such authority. The plan shall
17 include the following:

18 (A) A Department of Defense-wide defini-
19 tion of artificial intelligence technologies, serv-
20 ices, and capabilities.

21 (B) Summaries of the components to be
22 negotiated in any memoranda of agreement
23 with an element of the Department of Defense
24 to carry out covered activities described under
25 subsection (a).

1 (C) Timelines for the negotiation and ap-
2 proval of any such memorandum of agreement.

3 (D) Plan for oversight of the position of
4 acquisition executive established in subsection
5 (b).

6 (E) Assessment of the acquisition work-
7 force needs of the Center to support the author-
8 ity in subsection (a) until September 30, 2025.

9 (F) Other matters as appropriate.

10 (2) RELATIONSHIP TO OTHER AUTHORITIES.—

11 The requirement to submit a plan under this sub-
12 section is in addition to the requirements under sec-
13 tion 260 of the National Defense Authorization Act
14 for Fiscal Year 2020 (Public Law 116–92; 133 Stat.
15 1293).

16 (g) SUNSET.—Effective October 1, 2025, the Direc-
17 tor may not exercise the authority under subsection (a)
18 and may not enter into any new contracts under this sec-
19 tion. The performance on any contract entered into before
20 such date may continue according to the terms of such
21 contract.

22 (h) DEFINITIONS.—In this section:

23 (1) CENTER.—The term “Center” means the
24 Joint Artificial Intelligence Center of the Depart-
25 ment of Defense established pursuant to the memo-

1 random of the Secretary of Defense dated June 27,
2 2018, and titled “Establishment of the Joint Artificial
3 Intelligence Center”, or any successor to such
4 Center.

5 (2) COVERED ACTIVITY.—The term “covered
6 activity”—

7 (A) means an acquisition activity conducted using the authority under this section;
8 and
9

10 (B) does not include—

11 (i) a major defense acquisition program (as defined in section 2430 of title
12 10, United States Code); or
13

14 (ii) a procurement of technologies related to artificial intelligence, if the duration of such procurement is expected to be
15 greater than five years.
16
17

18 (3) DIRECTOR.—The term “Director” means
19 the Director of the Center.

20 (4) ELEMENT.—The term “element” means an
21 element described under section 111(b) of title 10,
22 United States Code.

23 (5) MILITARY DEPARTMENTS.—The term “military departments” has the meaning given in section
24 101(8) of title 10, United States Code.
25

1 (6) SERVICE ACQUISITION EXECUTIVE.—The
2 term “service acquisition executive” has the meaning
3 given in section 101(10) of title 10, United States
4 Code.

1 **Subtitle B—Amendments to Gen-**
2 **eral Contracting Authorities,**
3 **Procedures, and Limitations**

4 **SEC. 811 [Log 71093]. CONTRACTOR WHISTLEBLOWER PRO-**
5 **TECTIONS RELATING TO NONDISCLOSURE**
6 **AGREEMENTS.**

7 (a) DEPARTMENT OF DEFENSE CONTRACTORS.—

8 (1) IN GENERAL.—Section 2409(a) of title 10,
9 United States Code, is amended by adding at the
10 end the following new paragraph:

11 “(4) This section applies to any disclosure made by
12 an employee of a contractor, subcontractor, grantee, or
13 subgrantee or personal services contractor whether or not
14 such employee has signed, or is subject to, a nondisclosure
15 policy, form, or agreement with such contractor, subcon-
16 tractor, grantee, or subgrantee or personal services con-
17 tractor.”.

18 (2) NOTIFICATION OF EMPLOYEES.—Section
19 2409(d) of title 10, United States Code, is amended
20 by inserting “(including the applicability of such
21 rights and remedies if such an employee has signed,
22 or is subject to, a nondisclosure policy, form, or
23 agreement)” after “under this section”.

24 (3) APPLICATION.—With respect to a nondisclo-
25 sure policy, form, or agreement between a covered

1 contractor and a covered employee that was in effect
2 before the effective date of this Act, paragraph (4)
3 of section 2409(a) of title 10, United States Code,
4 as added by paragraph (1), shall apply if a covered
5 contractor has provided notice to a covered employee
6 of the rights and remedies of the covered employee
7 relating to a nondisclosure policy, form, or agree-
8 ment under section 2409(d) of such title, as amend-
9 ed by paragraph (2).

10 (4) WEBSITE UPDATE.—The Inspector General
11 of the Department of Defense and the Inspector
12 General of the National Aeronautics and Space Ad-
13 ministration shall update any relevant websites to
14 include information about this subsection and the
15 amendments made by this subsection.

16 (5) DEFINITIONS.—In this subsection:

17 (A) COVERED CONTRACTOR.—The term
18 “covered contractor” means a contractor,
19 grantee, or personal services contractor of the
20 Department of Defense or the National Aero-
21 nautics and Space Administration.

22 (B) COVERED EMPLOYEE.—The term
23 “covered employee” means an employee of a
24 covered contractor or a subcontractor or sub-
25 grantee of a covered contractor.

1 (b) OTHER GOVERNMENT CONTRACTORS.—

2 (1) IN GENERAL.—Section 4712(a) of title 41,
3 United States Code, is amended by adding at the
4 end the following new paragraph:

5 “(4) EFFECT OF A NONDISCLOSURE POLICY,
6 FORM, OR AGREEMENT.—This section applies to any
7 disclosure made by an employee of a contractor, sub-
8 contractor, grantee, or subgrantee or personal serv-
9 ices contractor whether or not such employee has
10 signed, or is subject to, a nondisclosure policy, form,
11 or agreement with such contractor, subcontractor,
12 grantee, or subgrantee or personal services con-
13 tractor.”.

14 (2) NOTIFICATION OF EMPLOYEES.—Section
15 4712(d) of title 41, United States Code, is amended
16 by inserting “(including the applicability of such
17 rights and remedies if such an employee has signed,
18 or is subject to, a nondisclosure policy, form, or
19 agreement)” after “under this section”.

20 (3) APPLICATION.—With respect to a nondisclo-
21 sure policy, form, or agreement between a covered
22 contractor and a covered employee that was in effect
23 before the effective date of this Act, paragraph (4)
24 of section 4712(a) of title 41, United States Code,
25 as added by paragraph (1), shall apply if a covered

1 contractor has provided notice to a covered employee
2 of the rights and remedies of the covered employee
3 relating to a nondisclosure policy, form, or agree-
4 ment under section 4712(d) of such title, as amend-
5 ed by paragraph (2).

6 (4) WEBSITE UPDATE.—Each Inspector Gen-
7 eral (as defined in section 4712(g) of title 41,
8 United States Code) shall update any relevant
9 websites to include information about this subsection
10 and the amendments made by this subsection.

11 (5) DEFINITIONS.—In this subsection:

12 (A) COVERED CONTRACTOR.—The term
13 “covered contractor” means a contractor,
14 grantee, or personal services contractor for a
15 Federal contract or grant (as defined for pur-
16 poses of division C of title 41).

17 (B) COVERED EMPLOYEE.—The term
18 “covered employee” means an employee of a
19 covered contractor or a subcontractor or sub-
20 grantee of a covered contractor.

1 **SEC. 812 [Log 71132]. INCLUSION OF OPTICAL TRANS-**
2 **MISSION COMPONENTS IN THE ANALYTICAL**
3 **FRAMEWORK FOR SUPPLY CHAIN RISKS.**

4 Section 2509(b)(2)(A)(ii) of title 10, United States
5 Code, is amended by striking “(other than optical trans-
6 mission components)”.

1 **SEC. 813 [Log 71122]. MODIFICATIONS TO COMPTROLLER**
2 **GENERAL ASSESSMENT OF ACQUISITION**
3 **PROGRAMS AND RELATED INITIATIVES.**

4 Section 2229b(b)(2) of title 10, United States Code,
5 is amended by striking “a summary of” and all that fol-
6 lows through “discussion of the” and inserting “a discus-
7 sion of selected organizational, policy, and legislative
8 changes, as determined appropriate by the Comptroller
9 General, and the potential”.

1 **SEC. 814 [Log 71133]. AMENDMENT TO DEFINITION OF**
2 **QUALIFIED APPRENTICE.**

3 Section 2870(d) of title 10, United States Code, is
4 amended—

5 (1) in paragraph (1), by inserting “or” at the
6 end;

7 (2) in paragraph (2), by striking “; or” at the
8 end and inserting a period; and

9 (3) by striking paragraph (3).

1 **SEC. 815 [Log 71130]. CONTRACT CLOSEOUT AUTHORITY**
2 **FOR SERVICES CONTRACTS.**

3 Section 836 of the National Defense Authorization
4 Act for Fiscal Year 2017 (10 U.S.C. 2302 note) is amend-
5 ed—

6 (1) by amending subsection (b)(1) to read as
7 follows:

8 “(1) was entered into—

9 “(A) with respect to a contract or group of
10 contracts for services, on a date that is the
11 later of—

12 “(i) at least 7 fiscal years before the
13 current fiscal year; and

14 “(ii) the number of years applicable to
15 the contract or group of contracts in sub-
16 part 4.7 of the Federal Acquisition Regula-
17 tion (as in effect on April 1, 2020);

18 “(B) with respect to a contract or group of
19 contracts not described in subparagraph (A), on
20 a date that is at least 17 fiscal years before the
21 current fiscal year;”;

22 (2) by redesignating subsections (f) and (g) as
23 subsections (g) and (h), respectively; and

24 (3) by inserting after subsection (e) the fol-
25 lowing new subsection:

1 “(f) OVERSIGHT.—The Secretary of Defense, acting
2 through the Director of the Defense Contract Manage-
3 ment Agency, shall establish and maintain a centralized
4 capability with necessary expertise and resources to pro-
5 vide oversight of the closeout of a contract or group of
6 contracts covered by this section.”.

1 **SEC. 816 [Log 71311]. DISCLOSURE OF BENEFICIAL OWNERS**
2 **IN DATABASE FOR FEDERAL AGENCY CON-**
3 **TRACT AND GRANT OFFICERS.**

4 Section 2313(d)(3) of title 41, United States Code,
5 is amended by inserting “, and an identification of any
6 beneficial owner of such corporation,” after “to the cor-
7 poration”.

1 **SEC. 817 [Log 71584]. SUSTAINMENT REFORM FOR THE DE-**
2 **PARTMENT OF DEFENSE.**

3 (a) SUSTAINMENT ACTIVITIES IN THE NATIONAL
4 DEFENSE STRATEGY.—

5 (1) IN GENERAL.—Section 113(g)(1)(B) of title
6 10, United States Code, is amended by adding at
7 the end the following new subsection:

8 “(vii) A strategic framework pre-
9 scribed by the Secretary that guides how
10 the Department will prioritize and inte-
11 grate activities relating to sustainment of
12 major defense acquisition programs, core
13 logistics capabilities (as described under
14 section 2464 of this title), and the national
15 technology and industrial base (as defined
16 in section 2500 of this title).”.

17 (2) DUTIES OF THE UNDER SECRETARY OF DE-
18 FENSE FOR ACQUISITION AND SUSTAINMENT.—Sec-
19 tion 133b(b) of title 10, United States Code, is
20 amended—

21 (A) in paragraph (7), by striking “and” at
22 the end;

23 (B) in paragraph (8), by striking the pe-
24 riod at the end and inserting “; and”; and

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

1 “(9) advising the Secretary on all aspects of ac-
2 quisition and sustainment relating to—

3 “(A) major defense acquisition programs;

4 “(B) core logistics capabilities (as de-
5 scribed under section 2464 of this title);

6 “(C) the national technology and industrial
7 base (as defined in section 2500 of this title);
8 and

9 “(D) the development of the strategic
10 framework described in section
11 113(g)(1)(B)(vii) of this title.”.

12 (3) INTERIM GUIDANCE.—Not later than Octo-
13 ber 1, 2021, the Secretary of Defense shall publish
14 interim guidance to carry out the requirements of
15 this subsection.

16 (b) REPORT.—Not later than February 1, 2021, the
17 Secretary of Defense shall submit to the congressional de-
18 fense committees a report on the progress towards pub-
19 lishing the interim guidance required under subsection
20 (a)(3).

1 **Subtitle C—Industrial Base**
2 **Matters**

3 **SEC. 821 [Log 71515]. QUARTERLY NATIONAL TECHNOLOGY**
4 **AND INDUSTRIAL BASE BRIEFINGS.**

5 (a) IN GENERAL.—Section 2504 of title 10, United
6 States Code, is amended—

7 (1) by striking “The Secretary” and inserting
8 the following:

9 “(a) ANNUAL REPORT.—The Secretary”; and

10 (2) by adding at the end the following new sub-
11 section:

12 “(b) QUARTERLY BRIEFINGS.—(1) The Secretary of
13 Defense shall ensure that the congressional defense com-
14 mittees receive quarterly briefings on the progress of the
15 Department of Defense to address the prioritized list of
16 gaps or vulnerabilities in the national technology and in-
17 dustrial base described in subsection (a)(3)(B) as follows:

18 “(A) One quarterly briefing per year shall be
19 provided by the Secretary of the Army.

20 “(B) One quarterly briefing per year shall be
21 provided by the Secretary of the Navy.

22 “(C) One quarterly briefing per year shall be
23 provided by the Secretary of the Air Force.

1 “(D) One quarterly briefing per year shall be
2 provided by all appropriate heads of the Defense
3 Agencies identified under subsection (a)(3)(B)(ii).

4 “(2) Each briefing under paragraph (1) shall include
5 an update of the progress of addressing such gaps or
6 vulnerabilities by the Secretary concerned or the appro-
7 priate head of a Defense Agency, including an update
8 on—

9 “(A) actions taken to address such gaps or
10 vulnerabilities;

11 “(B) the mitigation strategies necessary to ad-
12 dress such gaps or vulnerabilities; and

13 “(C) the proposed timeline for action to address
14 such gaps or vulnerabilities.”.

15 (b) CONFORMING AND CLERICAL AMENDMENTS.—

16 (1) HEADING AMENDMENT.—The heading of
17 section 2504 of such title is amended to read as fol-
18 lows:

19 **“§ 2504. National technology and industrial base: an-**
20 **nual report and quarterly briefings”.**

21 (2) CLERICAL AMENDMENT.—The table of sec-
22 tions for subchapter II of chapter 148 of such title
23 is amended by striking the item relating to section
24 2504 and inserting the following new item:

“2504. National technology and industrial base: annual report and quarterly
briefing.”.

1 **SEC. 822 [Log71414]. MODIFICATIONS TO SUPERVISION AND**
2 **AWARD OF CERTAIN CONTRACTS.**

3 (a) SUPERVISION OF MILITARY CONSTRUCTION
4 PROJECTS.—Section 2851 of title 10, United States Code,
5 is amended—

6 (1) in subsection (c)(1)—

7 (A) by inserting “or appropriated” after
8 “funds authorized” each place such term ap-
9 pears; and

10 (B) in subparagraph (E), by inserting “,
11 Facilities Sustainment, Restoration, and Mod-
12 ernization (FSRM) project,” after “military
13 construction project”; and

14 (2) in subsection (c)(2)—

15 (A) by inserting “, deadline for bid submis-
16 sions,” after “solicitation date”;

17 (B) by inserting “(including the address of
18 such recipient)” after “contract recipient”; and

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

21 “(H) Any subcontracting plan required under
22 paragraph (4) or (5) of section 8(d) of the Small
23 Business Act (15 U.S.C. 637(d)) for the project sub-
24 mitted by the contract recipient to the Secretary of
25 Defense.

1 “(I) A detailed written statement describing
2 and justifying any exception applied or waiver grant-
3 ed under—

4 “(i) chapter 83 of title 41;

5 “(ii) section 2533a of this title; or

6 “(iii) section 2533b of this title.”; and

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

9 “(4) The information required to be published on the
10 Internet website under subsection (c) shall constitute a
11 record for the purposes of Chapter 21, 29, 31, and 33
12 of title 44.”.

13 (b) REQUIREMENTS RELATING TO THE AWARD OF
14 COVERED MILITARY CONSTRUCTION CONTRACTS.—

15 (1) REQUIREMENTS.—Subchapter III of chap-
16 ter 169 of title 10, United States Code, is amended
17 by inserting after section 2851 the following new
18 section:

19 “§ 2851a. Requirements relating to the award of cov-
20 ered military construction contracts

21 “(a) PUBLICATION OF CERTAIN INFORMATION RE-
22 LATING TO COVERED MILITARY CONSTRUCTION CON-
23 TRACTS.—

1 “(1) CONTRACTOR REQUIREMENTS.—A con-
2 tractor that has been awarded a covered military
3 construction contract shall—

4 “(A) make publicly available on a website
5 of the General Services Administration or the
6 Small Business Administration, as applicable,
7 any solicitation under that covered military con-
8 struction contract for a subcontract of an esti-
9 mated value of \$250,000 or more; and

10 “(B) submit written notification of the
11 award of the covered military construction con-
12 tract, and of any subcontract awarded under
13 the covered military construction contract, to
14 the relevant agency of a covered State that en-
15 forces workers’ compensation or minimum wage
16 laws in such covered State.

17 “(2) NOTICE.—Upon award of a covered mili-
18 tary construction contract with an estimated value
19 greater than or equal to \$2,000,000, the Secretary
20 concerned shall notify any applicable Member of
21 Congress representing the covered State in which
22 that covered military construction contract is to be
23 performed of such award in a timely manner.

24 “(3) FEDERAL PROCUREMENT DATA SYSTEM.—
25 The Secretary of Defense shall ensure that there is

1 a clear and unique indication of any covered military
2 construction contract with subcontracting work of an
3 estimated value of \$250,000 or more in the Federal
4 Procurement Data System established pursuant to
5 section 1122(a)(4) of title 41 (or any successor sys-
6 tem).

7 “(b) USE OF LOCAL FIRMS AND INDIVIDUALS.—

8 “(1) IN GENERAL.—To the extent practicable,
9 in awarding a covered military construction contract,
10 the Secretary concerned shall give preference to
11 those firms and individuals residing or doing busi-
12 ness primarily in the same State as, or within a 60-
13 mile radius of, the location of the work to be per-
14 formed pursuant to the contract.

15 “(2) JUSTIFICATION REQUIRED.—The Sec-
16 retary concerned shall prepare a written justifica-
17 tion, and make such justification available on the
18 Internet site required under section 2851 of this
19 title, for the award of any covered military construc-
20 tion contract to a firm or individual that is not de-
21 scribed under paragraph (1).

22 “(c) LICENSING.—A contractor and any subcontractors
23 performing a covered military construction contract
24 shall be licensed to perform the work under such contract
25 in the State in which the work will be performed.

1 “(d) MONTHLY REPORT.—Not later than 10 days
2 after the end of each month, the Secretary of Defense
3 shall submit to the congressional defense committees a re-
4 port identifying for that month the following:

5 “(1) Each covered military construction con-
6 tract and each subcontract of a covered military con-
7 struction contract described in subsection (a)(1)(A)
8 awarded during that month.

9 “(2) The location of the work to be performed
10 pursuant to each covered military construction con-
11 tract and subcontract identified pursuant to para-
12 graph (1).

13 “(3) The prime contractor and any subcon-
14 tractor performing each covered military construc-
15 tion contract and subcontract identified pursuant to
16 paragraph (1).

17 “(4) The estimated value of each covered mili-
18 tary construction contract and subcontract identified
19 pursuant to paragraph (1).

20 “(e) EXCLUSION OF CLASSIFIED PROJECTS.—This
21 section does not apply to a classified covered military con-
22 struction project.

23 “(f) DEFINITIONS.—In this section:

24 “(1) COVERED MILITARY CONSTRUCTION CON-
25 TRACT.—The term ‘covered military construction

1 contract’ means a contract for work on a military
2 construction project, military family housing project,
3 or Facilities Sustainment, Restoration, and Mod-
4 ernization (FSRM) project carried out in a covered
5 State.

6 “(2) COVERED STATE.—The term ‘covered
7 State’ means any of the several States, the District
8 of Columbia, the Commonwealth of Puerto Rico,
9 Guam, American Samoa, the United States Virgin
10 Islands, or the Commonwealth of the Northern Mar-
11 iana Islands.

12 “(3) MEMBER OF CONGRESS.—The term ‘Mem-
13 ber of Congress’ has the meaning given the term in
14 section 2106 of title 5.”.

15 (2) CLERICAL AMENDMENT.—The table of sec-
16 tions at the beginning of subchapter III of chapter
17 169 of title 10, United States Code, is amended by
18 inserting after the item relating to section 2851 the
19 following new item:

“2851a. Requirements relating to the award of covered military construction
contracts.”.

20 (3) APPLICABILITY.—Section 2851a of title 10,
21 United States Code, as added by paragraph (1),
22 shall apply with respect to a covered military con-
23 struction contract, as defined in such section, en-

1 tered into on or after the date of the enactment of
2 this Act.

3 (c) SMALL BUSINESS CREDIT FOR LOCAL BUSI-
4 NESSES.—Section 15 of the Small Business Act (15
5 U.S.C. 644) is amended by adding at the end the following
6 new subsection—

7 “(y) SMALL BUSINESS CREDIT FOR LOCAL BUSI-
8 NESSES.—

9 “(1) CREDIT FOR MEETING SUBCONTRACTING
10 GOALS.—If a prime contractor awards a subcontract
11 (at any tier) to a small business concern that has its
12 principal office located in the same State as, or with-
13 in a 60-mile radius of, the location of the work to
14 be performed pursuant to the contract of the prime
15 contractor, the value of the subcontract shall be dou-
16 bled for purposes of determining compliance with the
17 goals for procurement contracts under subsection
18 (g)(1)(A) during such period.

19 “(2) REPORT.—Along with the report required
20 under subsection (h)(1), the head of each Federal
21 agency shall submit to the Administrator, and make
22 publicly available on the scorecard described in sec-
23 tion 868(b) of the National Defense Authorization
24 Act for Fiscal Year 2016 (Public Law 114–92; 129
25 Stat. 933; 15 U.S.C. 644 note), an analysis of the

- 1 number and dollar amount of subcontracts awarded
- 2 pursuant to paragraph (1) for each fiscal year of the
- 3 period described in such paragraph.”.

1 **SEC. 823 [Log 71467]. AMENDMENTS TO SUBMISSIONS TO**
2 **CONGRESS RELATING TO CERTAIN FOREIGN**
3 **MILITARY SALES.**

4 Section 887(b) of the National Defense Authorization
5 Act for Fiscal Year 2018 (Public Law 115–91; 22 U.S.C.
6 2761 note) is amended—

7 (1) by striking “the Secretary shall” each place
8 it appears and inserting “the Secretary, in consulta-
9 tion with the Secretary of State, shall”;

10 (2) in paragraph (1)—

11 (A) by striking “December 31, 2021” and
12 inserting “December 31, 2024”; and

13 (B) by striking “with a value” and all that
14 follows through the “subsection (a)”; and

15 (3) in paragraph (2), by striking “December
16 31, 2021” and inserting “December 31, 2024”.

1 **SEC. 824 [Log 71124]. REVISIONS TO REQUIREMENT TO USE**
2 **FIRM FIXED-PRICE CONTRACTS FOR FOR-**
3 **EIGN MILITARY SALES.**

4 (a) IN GENERAL.—Section 830 of the National De-
5 fense Authorization Act for Fiscal Year 2017 (22 U.S.C.
6 2762 note) is amended—

7 (1) in subsection (a), by inserting “and subject
8 to subsection (e)” after “enactment of this Act”;
9 and

10 (2) by adding at the end the following new sub-
11 section:

12 “(e) APPLICABILITY.—The regulations prescribed
13 pursuant to subsection (a) shall not apply to a foreign
14 military sale for which the foreign country that is the
15 counterparty to such foreign military sale has requested
16 a modification to the defense service or defense article that
17 is the subject of such foreign military sale that would re-
18 quire significant development work.”; and

19 (3) in subsection (c), by adding at the end the
20 following new sentence: “The Secretary may not del-
21 egate the authority to exercise such a waiver below
22 the level of the service acquisition executive (as de-
23 fined in section 101(a)(10) of title 10, United States
24 Code).”.

25 (b) IMPLEMENTATION.—The Secretary of Defense
26 shall—

1 (1) not later than 120 days after the date of
2 the enactment of this Act, issue guidance to carry
3 out the amendments made by this section; and

4 (2) not later than February 1, 2021, revise the
5 Department of Defense Supplement to the Federal
6 Acquisition Regulation to carry out the amendments
7 made by this section.

1 **SEC. 825 [Log 71578]. SMALL BUSINESS INDUSTRIAL BASE**
2 **RESILIENCY PROGRAM.**

3 (a) ESTABLISHMENT.—The Assistant Secretary of
4 Defense for Industrial Base Policy (established under sec-
5 tion 901 of this Act) shall establish a program to be
6 known as the “Small Business Industrial Base Resiliency
7 Program” under which the Assistant Secretary shall enter
8 into transactions to purchase or to make a commitment
9 to purchase goods or services from small business concerns
10 as described in subsection (b) to respond to the COVID–
11 19 pandemic.

12 (b) USES OF TRANSACTIONS.—A transaction entered
13 into pursuant to the authority under this section shall—

14 (1) support the monitoring and assessment of
15 small business concerns that enter into such a trans-
16 action;

17 (2) address critical issues in the industrial base
18 relating to urgent operational needs in response to
19 the COVID–19 pandemic;

20 (3) support efforts to create, maintain, protect,
21 expand, or restore the industrial base in response to
22 the COVID–19 pandemic; and

23 (4) as applicable, address supply chain
24 vulnerabilities related to the COVID–19 pandemic
25 for small business concerns that enter into such a
26 transaction.

1 (c) DURATION.—The term of a transaction entered
2 into pursuant to the authority under this section shall be
3 two years.

4 (d) LIABILITIES.—With respect to any transaction
5 entered into pursuant to the authority under this section
6 on or after the date of enactment of this Act, if such trans-
7 action imposes any contingent liability upon the United
8 States, such liability shall be recorded as an obligation
9 against amounts made available from the Research and
10 Development, Defense-Wide, Pandemic Preparedness and
11 Resilience National Security Fund under section 1003 in
12 an amount equal to the maximum amount of the contin-
13 gency at the time such transaction is entered into.

14 (e) REPORT.—Not later than March 1, 2021, the As-
15 sistant Secretary of Defense for Industrial Base Policy
16 shall submit to the appropriate committees a report that
17 includes the following:

18 (1) A description of any guidance or policy
19 issued to carry out this section.

20 (2) A description of any relevant assessments
21 prepared to address critical issues in the industrial
22 base relating to urgent operational needs related to
23 the COVID–19 pandemic.

24 (3) A description of any transaction entered
25 into pursuant to the authority under this section,

1 and the impact such transaction has had on the re-
2 sponse of the Department of Defense to the
3 COVID–19 pandemic.

4 (4) A prioritized list of gaps or vulnerabilities
5 in the transactions of the industrial base in which
6 small business concerns participate that are related
7 the COVID–19 pandemic, including—

8 (A) a description of mitigation strategies
9 necessary to address such gaps or
10 vulnerabilities;

11 (B) the identification of the Secretary con-
12 cerned or the head of the Defense Agency re-
13 sponsible for addressing such gaps or
14 vulnerabilities; and

15 (C) a proposed timeline for action to ad-
16 dress such gaps or vulnerabilities.

17 (5) Identification of each transaction designed
18 to sustain specific essential technological and indus-
19 trial capabilities and processes of the industrial base
20 in which small business concerns participate that are
21 related to the COVID–19 pandemic.

22 (6) Any other steps necessary to foster and
23 safeguard the industrial base in which small busi-
24 ness concerns participate due to the impact of the
25 COVID–19 pandemic.

1 (f) FUNDING.—The Assistant Secretary of Defense
2 for Industrial Base Policy shall use amounts authorized
3 to be appropriated for Research and Development, De-
4 fense-Wide, Pandemic Preparedness and Resilience Na-
5 tional Security Fund under section 1003 to carry out the
6 requirements of this section.

7 (g) DEFINITIONS.—In this Act:

8 (1) APPROPRIATE COMMITTEES.—The term
9 “covered committees” means—

10 (A) the Committees on Armed Services of
11 the Senate and the House of Representatives;
12 and

13 (B) the Committee on Small Business and
14 Entrepreneurship of the Senate and the Com-
15 mittee on Small Business of the House of Rep-
16 resentatives.

17 (2) COVID–19 PANDEMIC.—The term
18 “COVID–19 pandemic” means the national emer-
19 gency declared by the President under the National
20 Emergencies Act (50 U.S.C. 1601 et seq.).

21 (3) DEFENSE AGENCY.—The term “Defense
22 Agency” has the meaning given in section 101 of
23 title 10, United States Code.

1 (4) SECRETARY CONCERNED.—The term “Sec-
2 retary concerned” has the meaning given in section
3 101 of title 10, United States Code.

4 (5) SMALL BUSINESS CONCERN.—The term
5 “small business concern” has the meaning given
6 under section 3 of the Small Business Act (15
7 U.S.C. 632)).

1 **SEC. 826 [Log 71089]. ASSESSMENT OF THE REQUIREMENTS**
2 **PROCESSES OF THE MILITARY DEPART-**
3 **MENTS.**

4 (a) ASSESSMENT.—The Secretary of the military de-
5 partment concerned shall assess the requirements process
6 of the military department and make recommendations to
7 improve the agility and timeliness of such requirements
8 process for acquisition programs of the military depart-
9 ment.

10 (b) REPORT.—

11 (1) IN GENERAL.—Not later than March 31,
12 2021, each Secretary of a military department shall
13 submit to the congressional defense committees a re-
14 port on the assessment conducted pursuant to sub-
15 section (a) and specific plans to update the require-
16 ments processes of the military department con-
17 cerned based on such assessment.

18 (2) ELEMENTS.—Each report shall include an
19 analysis of and recommended improvements for the
20 following elements:

21 (A) If appropriate, information from the
22 report required in section 800(f) of the Na-
23 tional Defense Authorization Act for Fiscal
24 Year 2020 (Public Law 116–92).

1 (B) The alignment of the requirements
2 processes, acquisition system, and budget proc-
3 ess of the military department concerned.

4 (C) The requirements process for each ac-
5 quisition pathway of the adaptive acquisition
6 framework (as described in Department of De-
7 fense Instruction 5000.02, “Operation of the
8 Adaptive Acquisition Framework”), including
9 the time it takes to complete requirements de-
10 velopment and approval process for each path-
11 way.

12 (D) For each acquisition pathway de-
13 scribed in subparagraph (C), the processes for
14 and the extent to which detailed systems engi-
15 neering and requirements trade-off analyses are
16 done before the development of requirements
17 begins for a specific acquisition program to en-
18 sure that risks are understood and accounted
19 for and that both top-level and derived require-
20 ments (development as well as reliability and
21 maintainability) are achievable within cost,
22 schedule, and technology constraints.

23 (E) Organizational roles and responsibil-
24 ities of individuals with responsibilities relating
25 to the requirements process for the military de-

1 partment concerned, including the role, com-
2 position, and metrics used to assess the effec-
3 tiveness of any requirements oversight council
4 of the military department concerned.

5 (F) The composition and sufficiency of in-
6 dividuals who develop requirements for the mili-
7 tary department concerned, including any ac-
8 quisition workforce planning and personnel
9 shortfalls and resources needed to address any
10 such shortfalls.

11 (G) The ability of the requirements process
12 to address the urgent needs of the military de-
13 partment concerned.

14 (H) The capacity to review changes in re-
15 quirements for programs of record.

16 (I) The validation of decisions made from
17 the requirements process and the alignment of
18 each such decision to the national defense strat-
19 egy required under section 113(g) of title 10,
20 United States Code.

21 (J) The use of portfolio management in
22 the requirements process to coordinate decisions
23 and avoid any duplication of requirements
24 across acquisition programs.

1 (K) The implementation of recommenda-
2 tions on the process from the Comptroller Gen-
3 eral of the United States by each military de-
4 partment.

5 (L) Identification and comparison of best
6 practices in the private sector and the public
7 sector for the requirements development and
8 approval process.

9 (M) Other recommendations to improve
10 the process of establishing requirements, includ-
11 ing lessons learned from responding to the
12 COVID-19 pandemic.

13 (N) Any additional matters that the Secre-
14 taries determine appropriate.

1 **SEC. 827 [Log 71580]. REPORT ON TRANSFER AND CONSOLI-**
2 **DATION OF CERTAIN DEFENSE ACQUISITION**
3 **STATUTES.**

4 Not later than February 21, 2021, the Secretary of
5 Defense shall submit to the congressional defense commit-
6 tees a report containing a comprehensive legislative pro-
7 posal for the transfer and consolidation of statutes within
8 the framework for part V of subtitle A of title 10, United
9 States Code (as enacted by section 801 of the National
10 Defense Authorization Act for Fiscal Year 2019 (Public
11 Law 115-232)), along with conforming amendments to law
12 required by such transfer and consolidation. Such report
13 shall include an assessment of the effect of such transfer
14 and consolidation on related Department of Defense ac-
15 tivities, guidance, and interagency coordination.

1 **SEC. 901 [Log 71088]. ASSISTANT SECRETARY OF DEFENSE**
2 **FOR INDUSTRIAL BASE POLICY.**

3 (a) IN GENERAL.—

4 (1) ASSISTANT SECRETARIES OF DEFENSE.—
5 Section 138 of title 10, United States Code, is
6 amended—

7 (A) in subsection (a)(1), by striking “13”
8 and inserting “14”; and

9 (B) in subsection (b), by adding at the end
10 the following new paragraph:

11 “(6) One of the Assistant Secretaries is the As-
12 sistant Secretary of Defense for Industrial Base Pol-
13 icy. In addition to any duties and powers prescribed
14 under paragraph (1), the Assistant Secretary of De-
15 fense for Industrial Base Policy shall have the duties
16 described in section 139c of this title.”.

17 (2) ASSISTANT SECRETARY OF DEFENSE FOR
18 INDUSTRIAL BASE POLICY.—Chapter 4 of subtitle A
19 of title 10, United States Code, is amended by in-
20 serting after section 139b the following new section:

21 **“§ 139c. Assistant Secretary of Defense for Industrial**
22 **Base Policy**

23 “(a) IN GENERAL.—The Assistant Secretary of De-
24 fense for Industrial Base Policy shall report to the Under
25 Secretary of Defense for Acquisition and Sustainment.

1 “(b) RESPONSIBILITIES.—The Assistant Secretary of
2 Defense for Industrial Base Policy shall be the head of
3 the Office of Defense Industrial Base Policy and shall
4 serve as the principal advisor to the Under Secretary of
5 Defense for Acquisition and Sustainment in the perform-
6 ance of the Under Secretary’s duties relating to the fol-
7 lowing:

8 “(1) Providing input to strategy reviews on
9 matters related to—

10 “(A) the defense industrial base; and

11 “(B) materials critical to national security
12 (as defined in section 187(e)(1) of this title).

13 “(2) Establishing policies of the Department of
14 Defense for developing and maintaining the defense
15 industrial base of the United States and ensuring a
16 secure supply of materials critical to national secu-
17 rity.

18 “(3) Providing recommendations on budget
19 matters pertaining to the defense industrial base,
20 the supply chain, and the development and retention
21 of skills necessary to support the defense industrial
22 base.

23 “(4) Providing recommendations and acquisi-
24 tion policy guidance on defense supply chain man-
25 agement and supply chain vulnerability throughout

1 the entire defense supply chain, from suppliers of
2 raw materials to producers of major end items.

3 “(5) Establishing the national security objec-
4 tives concerning the national technology and indus-
5 trial base required under section 2501 of this title.

6 “(6) Executing the national defense program
7 for analysis of the national technology and industrial
8 base required under section 2503 of this title.

9 “(7) Performing the national technology and in-
10 dustrial base periodic defense capability assessments
11 required under section 2505 of this title.

12 “(8) Establishing the technology and industrial
13 base policy guidance required under section 2506 of
14 this title.

15 “(9) Providing policy and oversight of matters
16 related to materials critical to national security to
17 ensure a secure supply of such materials to the De-
18 partment of Defense.

19 “(10) Carrying out the activities of the Depart-
20 ment of Defense relating to the Defense Production
21 Act Committee established under section 722 of the
22 Defense Production Act of 1950 (50 U.S.C. App.
23 2171).

24 “(11) Consistent with section 2(b) of the De-
25 fense Production Act of 1950 (50 U.S.C. App.

1 2062(b)), executing other applicable authorities pro-
2 vided under the Defense Production Act of 1950 (50
3 U.S.C. App. 2061 et seq.), including authorities
4 under titles I and III of such Act.

5 “(12) Establishing Department of Defense poli-
6 cies related to international defense technology secu-
7 rity and export control issues.

8 “(13) Establishing policies related to industrial
9 independent research and development programs
10 under section 2372 of this title.

11 “(14) Coordinating with the Director of Small
12 Business Programs on all matters related to indus-
13 trial base policy of the Department of Defense.

14 “(15) Ensuring reliable sources of materials
15 critical to national security, such as specialty metals,
16 armor plate, and rare earth elements.

17 “(16) Establishing policies of the Department
18 of Defense for continued reliable resource availability
19 from secure sources for the defense industrial base
20 of the United States.

21 “(17) Establishing policies related to a procure-
22 ment technical assistance program funded under this
23 chapter 142 of this title.

24 “(18) Such other duties as are assigned by the
25 Under Secretary.

1 “(c) RULES OF CONSTRUCTION RELATING TO DE-
2 FENSE PRODUCTION ACT.—Nothing in this section shall
3 be construed to modify the authorities or responsibilities
4 of any officer or employee of the United States under the
5 Defense Production Act of 1950 (50 U.S.C. 4501 et seq.),
6 including those authorities and responsibilities specified in
7 Department of Defense Directive 4400.01E (or any suc-
8 cessor directive). In addition, nothing in subsection (b)(9)
9 shall be construed to limit the authority or modify the poli-
10 cies of the Committee on Foreign Investment in the
11 United States established under section 721(k) of such
12 Act (50 U.S.C. 4565(k)).”.

13 (3) CLERICAL AMENDMENT.—The table of con-
14 tents for chapter 4 of subtitle A of title 10, United
15 States Code, is amended by inserting after the item
16 relating to section 139b the following new item:

“139c. Assistant Secretary of Defense for Industrial Base Policy.”.

17 (b) CONTINUATION OF SERVICE.—The Deputy As-
18 sistant Secretary of Defense for Industrial Policy shall be
19 the individual serving as the Assistant Secretary of De-
20 fense for Industrial Base Policy (as established under sec-
21 tion 139c(a) of title 10, United States Code, as added by
22 subsection (a)) until the President has appointed an indi-
23 vidual to serve as Assistant Secretary of Defense for In-
24 dustrial Base Policy pursuant to section 138 of title 10,
25 United States Code.

1 (c) TRANSFER OF OFFICE OF INDUSTRIAL POLICY
2 TO OFFICE OF DEFENSE INDUSTRIAL BASE POLICY.—

3 (1) TRANSFER OF FUNCTIONS.—Not later than
4 180 days after the date of the enactment of this Act,
5 all functions that, immediately before such date of
6 enactment, were functions of the Office of Industrial
7 Policy of the Department of Defense shall be trans-
8 ferred to the Office of Defense Industrial Base Pol-
9 icy.

10 (2) TRANSFER OF ASSETS.—So much of the
11 personnel, property, records, and unexpended bal-
12 ances of appropriations, allocations, and other funds
13 employed, used, held, available, or to be made avail-
14 able in connection with a function transferred under
15 paragraph (1) shall be available to the Office of De-
16 fense Industrial Base Policy at such time or times
17 as the President directs for use in connection with
18 the functions transferred.

19 (3) TERMINATION.—The Office of Industrial
20 Policy of the Department of Defense shall terminate
21 on the earlier of—

22 (A) the effective date of the transfers
23 under paragraph (1); or

24 (B) 180 days after the date of the enact-
25 ment of this Act.

1 **SEC. 902 [Log 71208]. ASSISTANT SECRETARY OF DEFENSE**
2 **FOR SPACE AND STRATEGIC DETERRENCE**
3 **POLICY.**

4 (a) ASSISTANT SECRETARIES OF DEFENSE.—Para-
5 graph (5) of section 138(b) of title 10, United States
6 Code, is amended to read as follows:

7 “(5) One of the Assistant Secretaries is the Assistant
8 Secretary of Defense for Space and Strategic Deterrence
9 Policy. The principal duty of the Assistant Secretary shall
10 be the overall supervision of policy of the Department of
11 Defense for space, nuclear deterrence, and missile de-
12 fense.”.

13 (b) SPACE FORCE ACQUISITION COUNCIL.—Section
14 9021(b)(3) of title 10, United States Code, is amended
15 by striking “Assistant Secretary of Defense for Space Pol-
16 icy” and inserting “Assistant Secretary of Defense for
17 Space and Strategic Deterrence Policy”.

18 (c) ELEMENTS OF OFFICE.—Section 955(b) of the
19 National Defense Authorization Act for Fiscal Year 2020
20 (Public Law 116–92; 133 Stat. 1565) is amended by strik-
21 ing “Assistant Secretary of Defense for Space Policy” and
22 inserting “Assistant Secretary of Defense for Space and
23 Strategic Deterrence Policy”.

1 **SEC. 904 [Log 71585]. ESTABLISHMENT OF DEPUTY ASSIST-**
2 **ANT SECRETARIES FOR SUSTAINMENT.**

3 (a) DEPARTMENT OF THE ARMY.—

4 (1) IN GENERAL.—Chapter 703 of title 10,
5 United States Code, is amended by adding at the
6 end the following new section:

7 **“§ 7025. Deputy Assistant Secretary of the Army for**
8 **Sustainment**

9 “(a) APPOINTMENT.—There is a Deputy Assistant
10 Secretary of the Army for Sustainment, who shall be ap-
11 pointed by the Secretary of the Army.

12 “(b) RESPONSIBILITIES.—The Deputy Assistant Sec-
13 retary of the Army for Sustainment shall have the fol-
14 lowing responsibilities with respect to major weapon sys-
15 tems acquired for the Department of the Army:

16 “(1) Reviewing and providing oversight of the
17 sustainment baseline cost estimates required by sec-
18 tion 2366d of this title.

19 “(2) Participating in any review of a life-cycle
20 sustainment plan conducted pursuant to section
21 2366d of this title.

22 “(3) Ensuring that cost modeling, performance
23 metrics, and data analytics are used—

24 “(A) to inform and update life-cycle
25 sustainment plans;

1 “(B) to develop, with respect to the major
2 weapon system to which such plan relates, the
3 budget of the President for the fiscal year as
4 submitted to Congress pursuant to section 1105
5 of title 31; and

6 “(C) to inform the Secretary of the Army
7 when assumptions made in the development of
8 a sustainment baseline cost estimate are no
9 longer valid or when new opportunities arise to
10 reduce costs or improve efficiency.

11 “(4) Making recommendations to the senior ac-
12 quisition executive of the Army regarding the most
13 cost-effective sustainment strategy to incorporate
14 into each life-cycle sustainment plan.

15 “(5) Balancing the range of sustainment activi-
16 ties for each major weapon system to achieve the op-
17 timal balance of affordability, viable military depots
18 and shipyards, and contracted product support ar-
19 rangements.

20 “(6) Advise the Secretary of the Army regard-
21 ing the overall alignment of the sustainment activi-
22 ties, the operations of the sustainment supply chain,
23 and strategic readiness.

24 “(c) DEFINITIONS.—The terms ‘life-cycle
25 sustainment plan’, ‘major weapon system’, and

1 ‘sustainment baseline cost estimate’ have the meanings
2 given in section 2366d of this title.”.

3 (2) CLERICAL AMENDMENT.—The table of sec-
4 tions at the beginning of chapter 703 of title 10,
5 United States Code, is amended by adding at the
6 end the following new item:

“7025. Deputy Assistant Secretary of the Army for Sustainment.”.

7 (b) DEPARTMENT OF THE NAVY.—

8 (1) IN GENERAL.—Chapter 803 of title 10,
9 United States Code, is amended by adding at the
10 end the following new section:

11 **“§ 8029. Deputy Assistant Secretary of the Navy for**
12 **Sustainment**

13 “(a) APPOINTMENT.—There is a Deputy Assistant
14 Secretary of the Navy for Sustainment, who shall be ap-
15 pointed by the Secretary of the Navy.

16 “(b) RESPONSIBILITIES.—The Deputy Assistant Sec-
17 retary of the Navy for Sustainment shall have the fol-
18 lowing responsibilities with respect to major weapon sys-
19 tems acquired for the Department of the Navy:

20 “(1) Reviewing and providing oversight of the
21 sustainment baseline cost estimates required by sec-
22 tion 2366d of this title.

23 “(2) Participating in any review of a life-cycle
24 sustainment plan conducted pursuant to section
25 2366d of this title.

1 “(3) Ensuring that cost modeling, performance
2 metrics, and data analytics are used—

3 “(A) to inform and update life-cycle
4 sustainment plans;

5 “(B) to develop, with respect to the major
6 weapon system to which such plan relates, the
7 budget of the President for the fiscal year as
8 submitted to Congress pursuant to section 1105
9 of title 31; and

10 “(C) to inform the Secretary of the Navy
11 when assumptions made in the development of
12 a sustainment baseline cost estimate are no
13 longer valid or when new opportunities arise to
14 reduce costs or improve efficiency.

15 “(4) Making recommendations to the senior ac-
16 quisition executive of the Navy regarding the most
17 cost-effective sustainment strategy to incorporate
18 into each life-cycle sustainment plan.

19 “(5) Balancing the range of sustainment activi-
20 ties for each major weapon system to achieve the op-
21 timal balance of affordability, viable military depots
22 and shipyards, and contracted product support ar-
23 rangements.

24 “(6) Advise the Secretary of the Navy regard-
25 ing the overall alignment of the sustainment activi-

1 ties, the operations of the sustainment supply chain,
2 and strategic readiness.

3 “(c) DEFINITIONS.—The terms ‘life-cycle
4 sustainment plan’, ‘major weapon system’ , and
5 ‘sustainment baseline cost estimate’ have the meanings
6 given in section 2366d of this title.”.

7 (2) CLERICAL AMENDMENT.—The table of sec-
8 tions at the beginning of chapter 803 of title 10,
9 United States Code, is amended by adding at the
10 end the following new item:

“8029. Deputy Assistant Secretary of the Navy for Sustainment.”.

11 (c) DEPARTMENT OF THE AIR FORCE.—

12 (1) IN GENERAL.—Chapter 903 of title 10,
13 United States Code, is amended by adding at the
14 end the following new section:

15 **“§ 9025. Deputy Assistant Secretary of the Air Force**
16 **for Sustainment**

17 “(a) APPOINTMENT.—There is a Deputy Assistant
18 Secretary of the Air Force for Sustainment, who shall be
19 appointed by the Secretary of the Air Force.

20 “(b) RESPONSIBILITIES.—The Deputy Assistant Sec-
21 retary of the Air Force for Sustainment shall have the
22 following responsibilities with respect to major weapon
23 systems acquired for the Department of the Air Force:

1 “(1) Reviewing and providing oversight of the
2 sustainment baseline cost estimates required by sec-
3 tion 2366d of this title.

4 “(2) Participating in any review of a life-cycle
5 sustainment plan conducted pursuant to section
6 2366d of this title.

7 “(3) Ensuring that cost modeling, performance
8 metrics, and data analytics are used—

9 “(A) to inform and update life-cycle
10 sustainment plans;

11 “(B) to develop, with respect to the major
12 weapon system to which such plan relates, the
13 budget of the President for the fiscal year as
14 submitted to Congress pursuant to section 1105
15 of title 31; and

16 “(C) to inform the Secretary of the Air
17 Force when assumptions made in the develop-
18 ment of a sustainment baseline cost estimate
19 are no longer valid or when new opportunities
20 arise to reduce costs or improve efficiency.

21 “(4) Making recommendations to the senior ac-
22 quisition executive of the Air Force regarding the
23 most cost-effective sustainment strategy to incor-
24 porate into each life-cycle sustainment plan.

1 “(5) Balancing the range of sustainment activi-
2 ties for each major weapon system to achieve the op-
3 timal balance of affordability, viable military depots
4 and shipyards, and contracted product support ar-
5 rangements.

6 “(6) Advise the Secretary of the Air Force re-
7 garding the overall alignment of the sustainment ac-
8 tivities, the operations of the sustainment supply
9 chain, and strategic readiness.

10 “(c) DEFINITIONS.—The terms ‘life-cycle
11 sustainment plan’, ‘major weapon system’, and
12 ‘sustainment baseline cost estimate’ have the meanings
13 given in section 2366d of this title.”.

14 (2) CLERICAL AMENDMENT.—The table of sec-
15 tions at the beginning of chapter 903 of title 10,
16 United States Code, is amended by adding at the
17 end the following new item:

“9025. Deputy Assistant Secretary of the Air Force for Sustainment.”.

1 **Subtitle A—Financial Matters**

2 **SEC. 1001 [Log 70872]. 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 2021 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 \$4,000,000,000.

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).

16 (e) CERTIFICATION REQUIREMENT.—The authority
17 to transfer any authorization under this section may not
18 be used until the Secretary of Defense and the head of
19 each entity affected by such transfer submits to the con-
20 gressional defense committees certification in writing
21 that—

22 (1) the amount transferred will be used for
23 higher priority items, based on unforeseen military
24 requirements, than the items from which authority is
25 transferred; and

1 (2) the amount transferred will not be used for
2 any item for which funds have been denied author-
3 ization by Congress.

1 **SEC. 1002 [Log 70873]. DETERMINATION OF BUDGETARY EF-**
2 **FECTS.**

3 The budgetary effects of this Act, for the purpose of
4 complying with the Statutory Pay-As-You-Go Act of 2010,
5 shall be determined by reference to the latest statement
6 titled “Budgetary Effects of PAYGO Legislation” for this
7 Act, submitted for printing in the Congressional Record
8 by the Chairman of the House Budget Committee, pro-
9 vided that such statement has been submitted prior to the
10 vote on passage.

1 **SEC. 1003 [Log 71579]. PANDEMIC PREPAREDNESS AND RE-**
2 **SILIENCE NATIONAL SECURITY FUND.**

3 (a) FUND PURPOSES.—Amounts authorized to be ap-
4 propriated for Research and Development, Defense-Wide,
5 Pandemic Preparedness and Resilience National Security
6 Fund shall be available for obligation and expenditure only
7 for the purposes of pandemic preparedness. Such amounts
8 may not be used for a purpose or program unless the pur-
9 pose or program is authorized by law.

10 (b) TRANSFERS.—

11 (1) IN GENERAL.—Amounts referred to in sub-
12 section (a) may be transferred as follows:

13 (A) To Procurement, Defense-wide and
14 Research, Development, Test, and Evaluation,
15 Defense-wide, not more than an aggregate of
16 \$200,000,000 to carry out the Small Business
17 Industrial Base Resilience Program established
18 by section 825 of this Act

19 (B) To Research, Development, Test, and
20 Evaluation, Defense-wide, line 9, Biomedical
21 Technology, not more than \$50,000,000 for re-
22 search that aims to rapidly produce medical
23 countermeasures against novel threats, at popu-
24 lation scale and approved for use in people.

25 (C) To the following, not more than an ag-
26 gregate of \$750,000,000 to support research

1 and development efforts directly related to bio-
2 preparedness and pandemic preparedness and
3 resilience:

4 (i) Research, Development, Test, and
5 Evaluation, Army.

6 (ii) Research, Development, Test, and
7 Evaluation, Navy.

8 (iii) Research, Development, Test, and
9 Evaluation, Air Force.

10 (iv) Research, Development, Test, and
11 Evaluation, Defense-wide.

12 (v) Defense Health Program.

13 (2) LIMITATION.—Amounts referred to in sub-
14 section (a) may not be transferred for—

15 (A) Drug Interdiction and Counter-Drug
16 Activities; or

17 (B) military construction (as defined in
18 section 2801(a) of title 10, United States
19 Code), including the purposes described in sec-
20 tion 2802(b) of such title, or military family
21 housing, including the purposes described in
22 section 2821(a) of such title.

23 (3) NOTICE REQUIREMENT.—Not later than 30
24 days before transferring any amount described in
25 subsection (a), the Secretary of Defense shall submit

1 to the congressional defense committees notice of the
2 transfer.

3 (4) EXCEPTION FROM GENERAL TRANSFER AU-
4 THORITY.—A transfer under this subsection shall
5 not be counted toward the dollar amount limitation
6 under section 1001.

1 **Subtitle B—Counterdrug Activities**

2 **SEC. 1011 [Log 71076]. SUPPORT FOR COUNTERDRUG AC-**
3 **TIVITIES AND ACTIVITIES TO COUNTER**
4 **TRANSNATIONAL ORGANIZED CRIME AF-**
5 **FECTING FLOW OF DRUGS INTO THE UNITED**
6 **STATES.**

7 Section 284(c) of title 10, United States Code, is
8 amended—

9 (1) by striking paragraph (2), and inserting the
10 following new paragraph (2):

11 “(2) SECRETARY OF STATE CONCURRENCE.—
12 The Secretary may only provide support for a pur-
13 pose described in this subsection with the concur-
14 rence of the Secretary of State.”; and

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

17 “(3) PRIORITY.—In providing support for a
18 purpose described in this subsection, the Secretary
19 shall give priority to support requested for the pur-
20 pose of affecting the flow of drugs into the United
21 States.”.

1 **SEC. 1012 [Log 71070]. CONGRESSIONAL NOTIFICATION**
2 **WITH RESPECT TO DEPARTMENT OF DE-**
3 **FENSE SUPPORT PROVIDED TO OTHER**
4 **UNITED STATES AGENCIES FOR**
5 **COUNTERDRUG ACTIVITIES AND ACTIVITIES**
6 **TO COUNTER TRANSNATIONAL ORGANIZED**
7 **CRIME.**

8 Section 284(h) of title 10, United States Code, is
9 amended—

10 (1) in paragraph (1)—

11 (A) by redesignating subparagraphs (A)
12 and (B) as subparagraphs (B) and (C), respec-
13 tively; and

14 (B) by inserting before subparagraph (B),
15 as so redesignated, the following new subpara-
16 graph (A):

17 “(A) In case of support for a purpose de-
18 scribed in subsection (b)—

19 “(i) an identification of the recipient
20 of the support;

21 “(ii) a description of the support pro-
22 vided;

23 “(iii) a description of the sources and
24 amounts of funds used to provide such
25 support; and

1 “(iv) a description of the amount of
2 funds obligated to provide such support.”;
3 and

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

6 “(3) APPROPRIATE COMMITTEES OF CON-
7 GRESS.—For purposes of any notice submitted
8 under this subsection with respect to support de-
9 scribed in paragraph (1)(A), the appropriate com-
10 mittees of Congress are—

11 “(A) the Committees on Armed Services of
12 the Senate and House of Representatives; and

13 “(B) any committee with jurisdiction over
14 the department or agency that receives the sup-
15 port covered by the notice.”.

1 **SEC. 1024 [Log 71406]. PREFERENCE FOR UNITED STATES**
2 **VESSELS IN TRANSPORTING SUPPLIES BY**
3 **SEA.**

4 (a) PREFERENCE FOR UNITED STATES VESSELS IN
5 TRANSPORTING SUPPLIES BY SEA.—

6 (1) IN GENERAL.—Section 2631 of title 10,
7 United States Code, is amended to read as follows:
8 “§ 2631. Preference for United States vessels in trans-
9 porting supplies by sea

10 “(a) IN GENERAL.—Supplies bought for the Army,
11 Navy, Air Force, or Marine Corps, or for a Defense Agen-
12 cy, or otherwise transported by the Department of De-
13 fense, may only be transported by sea in—

14 “(1) a vessel belonging to the United States; or
15 “(2) a vessel of the United States (as such term
16 is defined in section 116 of title 46).

17 “(b) WAIVER AND NOTIFICATION.—(1) WAIVER.—
18 The Secretary of Defense may waive the requirement
19 under subsection (a) if such a vessel is—

20 “(A) not available at a fair and reasonable
21 rate for commercial vessels of the United
22 States; or

23 “(B) otherwise not available.

24 “(2) NOTIFICATION.—At least once each fiscal
25 year, the Secretary of Defense shall submit, in writ-
26 ing, to the appropriate congressional committees a

1 notice of any waiver granted under this subsection
2 and the reasons for such waiver.

3 “(c) REQUIREMENTS FOR RE-FLAGGING OR REPAIR
4 WORK.—(1) IN GENERAL.—In each request for proposals
5 to enter into a time-charter contract for the use of a vessel
6 for the transportation of supplies under this section, the
7 Secretary of Defense shall require that any reflagging or
8 repair work on a vessel for which a proposal is submitted
9 in response to the request for proposals be performed in
10 the United States (including any territory of the United
11 States).

12 “(2) REFLAGGING OR REPAIR WORK DEFINED.—In
13 paragraph (1), the term ‘reflagging or repair work’ means
14 work performed on a vessel—

15 “(A) to enable the vessel to meet applicable
16 standards to become a vessel of the United States;
17 or

18 “(B) to convert the vessel to a more useful mili-
19 tary configuration.

20 “(3) WAIVER.—The Secretary of Defense may waive
21 the requirement described in paragraph (1) if the Sec-
22 retary determines that such waiver is critical to the na-
23 tional security of the United States. The Secretary shall
24 immediately submit, in writing, to the appropriate con-

1 gressional committees a notice of any waiver granted
2 under this subsection and the reasons for such waiver.

3 “(d) COMPLIANCE.—The Secretary of Defense shall
4 ensure that contracting officers of the Department of De-
5 fense award contracts under this section to responsible
6 offerors and monitor and ensure compliance with the re-
7 quirements of this section. The Secretary shall—

8 “(1) ensure that timely, accurate, and complete
9 information on contractor performance under this
10 section is included in any contractor past perform-
11 ance database used by an executive agency; and

12 “(2) exercise appropriate contractual rights and
13 remedies against contractors who fail to comply with
14 this section, or subchapter I of chapter 553 of title
15 46 as determined by the Secretary of Transportation
16 under such subchapter, including by—

17 “(A) determining that a contractor is ineli-
18 gible for an award of such a contract; or

19 “(B) terminating such a contract or sus-
20 pension or debarment of the contractor for such
21 contract.

22 “(e) APPROPRIATE CONGRESSIONAL COMMITTEES
23 DEFINED.—In this section, the term ‘appropriate congres-
24 sional committees’ means—

1 “(1) the Committees on Armed Services of the
2 Senate and the House of Representatives;

3 “(2) the Committee on Transportation and In-
4 frastructure of the House of Representatives; and

5 “(3) the Committee on Commerce, Science, and
6 Transportation of the Senate.”.

7 (2) CLERICAL AMENDMENT.—The table of con-
8 tents for chapter 157 of title 10, United States
9 Code, is amended by amending the item relating to
10 section 2361 to read as follows:

“2361. Preference for United States vessels in transporting supplies by sea.”.

11 (b) AMENDMENTS TO TITLE 46, UNITED STATES
12 CODE.—

13 (1) TRANSFER OF PROVISION RELATING TO
14 PRIORITY LOADING FOR COAL.—

15 (A) IN GENERAL.—Section 55301 of title
16 46, United State Code, is redesignated as sec-
17 tion 55123 of such title, transferred to appear
18 after section 55122 of such title, and amended
19 so that the enumerator, section heading, type-
20 face, and typestyle conform to those appearing
21 in other sections in such title.

22 (B) CONFORMING AMENDMENTS.—

23 (i) The analysis for subchapter I of
24 chapter 553 of title 46, United States

1 Code, is amended by striking the item re-
2 lating to section 55301.

3 (ii) The analysis for chapter 551 of
4 title 46, United States Code, is amended
5 by inserting after the item relating to sec-
6 tion 55122 the following new item:

“55123. Priority loading for coal.”.

7 (2) AMENDMENT TO SUBCHAPTER HEADING.—

8 The heading of subchapter I of chapter 553 of title
9 46, United States Code, is amended to read as fol-
10 lows:

“SUBCHAPTER I—GOVERNMENT IMPELLED TRANSPORTATION”.

1 **Subtitle D—Counterterrorism**

2 **SEC. 1031 [Log 70858]. PROHIBITION ON USE OF FUNDS FOR**
3 **TRANSFER OR RELEASE OF INDIVIDUALS DE-**
4 **TAINED AT UNITED STATES NAVAL STATION,**
5 **GUANTANAMO BAY, CUBA, TO CERTAIN**
6 **COUNTRIES.**

7 No amounts authorized to be appropriated or other-
8 wise made available for the Department of Defense may
9 be used during the period beginning on the date of the
10 enactment of this Act and ending on December 31, 2021,
11 to transfer, release, or assist in the transfer or release of
12 any individual detained in the custody or under the control
13 of the Department of Defense at United States Naval Sta-
14 tion, Guantanamo Bay, Cuba, to the custody or control
15 of any country, or any entity within such country, as fol-
16 lows:

- 17 (1) Libya.
18 (2) Somalia.
19 (3) Syria.
20 (4) Yemen.

1 **SEC. 1043 [Log 71020]. MODIFICATION AND TECHNICAL COR-**
2 **RECTION TO DEPARTMENT OF DEFENSE AU-**
3 **THORITY TO PROVIDE ASSISTANCE ALONG**
4 **THE SOUTHERN LAND BORDER OF THE**
5 **UNITED STATES.**

6 (a) **AUTHORITY.**—Subsection (a) of section 1059 of
7 the National Defense Authorization Act for Fiscal Year
8 2016 (Public Law 114–92; 129 Stat. 986; 10 U.S.C. 271
9 note prec.) is amended to read as follows:

10 “(a) **AUTHORITY.**—

11 “(1) **PROVISION OF ASSISTANCE.**—

12 “(A) **IN GENERAL.**—The Secretary of De-
13 fense may provide assistance to United States
14 Customs and Border Protection for purposes of
15 increasing ongoing efforts to secure the south-
16 ern land border of the United States in accord-
17 ance with the requirements of this section.

18 “(B) **REQUIREMENTS.**—If the Secretary
19 provides assistance under subparagraph (A),
20 the Secretary shall ensure that—

21 “(i) the provision of the assistance
22 will not negatively affect military training,
23 operations, readiness, or other military re-
24 quirements; and

25 “(ii) the tasks associated with the
26 support provided align with the mission or

1 occupational specialty of any members of
2 the Armed Forces, including members of
3 the reserve components, or units of the
4 Armed Forces, including the reserve com-
5 ponents, that are deployed.

6 “(2) NOTIFICATION REQUIREMENT.—Not later
7 than 5 days after the date on which the Secretary
8 decides to provide assistance under paragraph (1),
9 the Secretary shall submit to the Committee on
10 Armed Services of the Senate and the Committee on
11 Armed Services and the Committee on Homeland
12 Security of the House of Representatives notice of
13 such decision.”.

14 (b) REPORTING REQUIREMENTS.—Subsection (f) of
15 such section is amended to read as follows:

16 “(f) REPORTS.—

17 “(1) REPORT REQUIRED.—Any time assistance
18 is provided under subsection (a), not later than 30
19 days after the date on which such assistance is first
20 provided, and every three months thereafter during
21 the period while such assistance is provided, the Sec-
22 retary of Defense, in coordination with the Secretary
23 of Homeland Security, shall submit to the Com-
24 mittee on Armed Services and the Committee on
25 Homeland Security and Governmental Affairs of the

1 Senate and the Committee on Armed Services and
2 the Committee on Homeland Security of the House
3 of Representatives a report that includes, for both
4 the period covered by the report and the total period
5 of the deployment, each of the following:

6 “(A) A description of the assistance pro-
7 vided.

8 “(B) A description of the Armed Forces,
9 including the reserve components, deployed as
10 part of such assistance, including an identifica-
11 tion of—

12 “(i) the members of the Armed
13 Forces, including members of the reserve
14 components, deployed, including specific
15 information about unit designation, size of
16 unit, and whether any personnel in the
17 unit deployed under section 12302 of title
18 10, United States Code;

19 “(ii) the readiness rating for each of
20 the units deployed, including specific infor-
21 mation about any impacts to planned
22 training exercises for any such unit;

23 “(iii) the projected length of the de-
24 ployment and any special pay and incen-

1 tives for which deployed personnel may
2 qualify during the deployment;

3 “(iv) any specific pre-deployment
4 training provided for such members of the
5 Armed Forces, including members of the
6 reserve components;

7 “(v) the specific missions and tasks,
8 by location, that are assigned to the mem-
9 bers of the Armed Forces, including mem-
10 bers of the reserve components, who are so
11 deployed;

12 “(vi) the life support conditions and
13 associated costs;

14 “(vii) the locations where units so de-
15 ployed are conducting their assigned mis-
16 sion, together with a map showing such lo-
17 cations;

18 “(viii) a description of the rules and
19 additional guidance applicable to the de-
20 ployment, including the standing rules for
21 the use of force for deployed personnel and
22 the issuance of any weapons and ammuni-
23 tion; and

24 “(ix) the plan to transition the func-
25 tions performed by the members of the

1 Armed Forces, including members of the
2 reserve components, to the Department of
3 Homeland Security and Customs Border
4 Protection.

5 “(C) The sources and amounts of funds
6 expended—

7 “(i) during the period covered by the
8 report; and

9 “(ii) during the total period for which
10 such support has been provided.

11 “(D) The amount of funds obligated—

12 “(i) during the period covered by the
13 report; and

14 “(ii) during the total period for which
15 such support has been provided.

16 “(E) An assessment of the efficacy and
17 cost-effectiveness of such assistance in support
18 of the objectives and strategy of the Secretary
19 of Homeland Security to address the challenges
20 on the southern land border of the United
21 States and recommendations, if any, to enhance
22 the effectiveness of such assistance.

23 “(2) FORM OF REPORT.—Each report sub-
24 mitted under this subsection shall be submitted in
25 unclassified form and without any designation relat-

1 ing to dissemination control, but may include a clas-
2 sified annex.”.

3 (c) CLASSIFICATION.—The Law Revision Counsel is
4 directed to place this section in a note following section
5 284 of title 10, United States Code.

1 **SEC. 1045 [Log 71014]. REQUIREMENTS RELATING TO NEW-**
2 **EST GENERATIONS OF PERSONAL PROTEC-**
3 **TIVE EQUIPMENT.**

4 (a) REPORTS.—

5 (1) REPORTS REQUIRED.—Not later than Janu-
6 ary 31, 2021, each Secretary of a military depart-
7 ment shall submit to the congressional defense com-
8 mittees a report on the development and fielding of
9 the newest generations of personal protective equip-
10 ment to the Armed Forces under the jurisdiction of
11 such Secretary.

12 (2) ELEMENTS.—Each report under paragraph
13 (1) shall include, for each Armed Force covered by
14 such report, the following:

15 (A) A description and assessment of the
16 development and fielding of the newest genera-
17 tions of personal protective equipment and aux-
18 iliary personal protective equipment to members
19 of such Armed Force, including the following:

20 (i) The number (aggregated by total
21 number and by sex) of members of such
22 Armed Force issued the Army Soldiers
23 Protective System and the Modular Scal-
24 able Vest Generation II body armor as of
25 December 31, 2020.

1 (ii) The number (aggregated by total
2 number and by sex) of members of such
3 Armed Force issued Marine Corps Plate
4 Carrier Generation III (PC Gen III) body
5 armor as of that date.

6 (iii) The number (aggregated by total
7 number and by sex) of members of such
8 Armed Force fitted with legacy personal
9 protective equipment as of that date.

10 (B) A description and assessment of the
11 barriers, if any, to the development and fielding
12 of such generations of equipment to such mem-
13 bers.

14 (C) A description and assessment of chal-
15 lenges in the development and fielding of such
16 generations of equipment to such members, in-
17 cluding cost overruns, contractor delays, and
18 other challenges.

19 (b) SYSTEM FOR TRACKING DATA ON INJURIES.—

20 (1) SYSTEM REQUIRED.—

21 (A) IN GENERAL.—The Director of the
22 Defense Health Agency (DHA) shall develop
23 and maintain a system for tracking data on in-
24 juries among members of the Armed Forces in

1 and during the use of newest generation per-
2 sonal protective equipment.

3 (B) SCOPE OF SYSTEM.—The system re-
4 quired by this subsection may, at the election of
5 the Director, be new for purposes of this sub-
6 section or within or a modification of an appro-
7 priate existing system (such as the Defense Oc-
8 cupational And Environmental Health Readiness
9 System (DOEHRS)).

10 (2) REPORT.—Not later than January 31,
11 2025, the Director shall submit to Congress a report
12 on the prevalence among members of the Armed
13 Forces of preventable injuries attributable to ill-fit-
14 ting or malfunctioning personal protective equip-
15 ment.

16 (c) INCLUSION IN ANNUAL PERIODIC HEALTH AS-
17 SESSMENTS.—The annual Periodic Health Assessment
18 (PHA) of members of the Armed Forces undertaken after
19 the date of the enactment of this Act shall include one
20 or more questions on whether members incurred an injury
21 in connection with ill-fitting or malfunctioning personal
22 protective equipment during the period covered by such
23 assessment, including the nature of such injury.

1 **SEC. 1046 [Log 71523]. PROHIBITION ON USE OF FUNDS FOR**
2 **RETIREMENT OF A-10 AIRCRAFT.**

3 (a) PROHIBITION.—Notwithstanding sections 134
4 and 135 of the National Defense Authorization Act for
5 Fiscal Year 2017 (Public Law 114–328), except as pro-
6 vided in subsection (b), none of the funds authorized to
7 be appropriated by this Act or otherwise made available
8 for fiscal year 2021 for the Air Force may be obligated
9 or expended to retire, prepare to retire, or place in storage
10 or on backup aircraft inventory status any A-10 aircraft.

11 (b) EXCEPTION.—The limitation under subsection
12 (a) shall not apply to any individual A-10 aircraft that
13 the Secretary of the Air Force determines, on a case-by-
14 case basis, to be no longer mission capable because of a
15 mishap or other damage or because the aircraft is uneco-
16 nomical to repair.

1 **SEC. 1101. [LOG 71100] FAMILY AND MEDICAL LEAVE**
2 **AMENDMENTS.**

3 (a) IN GENERAL.—

4 (1) PAID PARENTAL LEAVE FOR EMPLOYEES OF
5 DISTRICT OF COLUMBIA COURTS AND DISTRICT OF
6 COLUMBIA PUBLIC DEFENDER SERVICE.—

7 (A) DISTRICT OF COLUMBIA COURTS.—

8 Section 11–1726, District of Columbia Official
9 Code, is amended by adding at the end the fol-
10 lowing new subsection:

11 “(d) In carrying out the Family and Medical Leave
12 Act of 1993 (29 U.S.C. 2601 et seq.) with respect to non-
13 judicial employees of the District of Columbia courts, the
14 Joint Committee on Judicial Administration shall, not-
15 withstanding any provision of such Act, establish a paid
16 parental leave program for the leave described in subpara-
17 graphs (A) and (B) of section 102(a)(1) of such Act (29
18 U.S.C. 2612(a)(1)) (relating to leave provided in connec-
19 tion with the birth of a child or the placement of a child
20 for adoption or foster care). In developing the terms and
21 conditions for this program, the Joint Committee may be
22 guided by the terms and conditions applicable to the provi-
23 sion of paid parental leave for employees of the Federal
24 Government under chapter 63 of title 5, United States
25 Code, and any corresponding regulations.”.

1 (B) DISTRICT OF COLUMBIA PUBLIC DE-
2 FENDER SERVICE.—Section 305 of the District
3 of Columbia Court Reform and Criminal Proce-
4 dure Act of 1970 (sec. 2–1605, D.C. Official
5 Code) is amended by adding at the end the fol-
6 lowing new subsection:

7 “(d) In carrying out the Family and Medical Leave
8 Act of 1993 (29 U.S.C. 2601 et seq.) with respect to em-
9 ployees of the Service, the Director shall, notwithstanding
10 any provision of such Act, establish a paid parental leave
11 program for the leave described in subparagraphs (A) and
12 (B) of section 102(a)(1) of such Act (29 U.S.C.
13 2612(a)(1)) (relating to leave provided in connection with
14 the birth of a child or the placement of a child for adoption
15 or foster care). In developing the terms and conditions for
16 this program, the Director may be guided by the terms
17 and conditions applicable to the provision of paid parental
18 leave for employees of the Federal Government under
19 chapter 63 of title 5, United States Code, and any cor-
20 responding regulations.”.

21 (2) CLARIFICATION OF USE OF OTHER LEAVE
22 IN ADDITION TO 12 WEEKS AS FAMILY AND MEDICAL
23 LEAVE.—

24 (A) TITLE 5.—Section 6382(a) of title 5,
25 United States Code, as amended by section

1 7602 of the National Defense Authorization Act
2 for Fiscal Year 2020 (Public Law 116–92), is
3 amended—

4 (i) in paragraph (1), in the matter
5 preceding subparagraph (A), by inserting
6 “(or, in the case of leave that includes
7 leave under subparagraph (A) or (B) of
8 this paragraph, 12 administrative work-
9 weeks of leave plus any additional period
10 of leave used under subsection
11 (d)(2)(B)(ii))” after “12 administrative
12 workweeks of leave”; and

13 (ii) in paragraph (4), by inserting
14 “(or 26 administrative workweeks of leave
15 plus any additional period of leave used
16 under subsection (d)(2)(B)(ii))” after “26
17 administrative workweeks of leave”.

18 (B) CONGRESSIONAL EMPLOYEES.—Sec-
19 tion 202(a)(1) of the Congressional Account-
20 ability Act of 1995 (2 U.S.C. 1312(a)(1)), as
21 amended by section 7603 of the National De-
22 fense Authorization Act for Fiscal Year 2020
23 (Public Law 116–92), is amended—

24 (i) in the second sentence, by insert-
25 ing “and in the case of leave that includes

1 leave for such an event, the period of leave
2 to which a covered employee is entitled
3 under section 102(a)(1) of such Act shall
4 be 12 administrative workweeks of leave
5 plus any additional period of leave used
6 under subsection (d)(2)(B) of this section”
7 before the period; and

8 (ii) by striking the third sentence and
9 inserting the following: “For purposes of
10 applying section 102(a)(4) of such Act, in
11 the case of leave that includes leave under
12 subparagraph (A) or (B) of section
13 102(a)(1) of such Act, a covered employee
14 is entitled, under paragraphs (1) and (3)
15 of section 102(a) of such Act, to a com-
16 bined total of 26 workweeks of leave plus
17 any additional period of leave used under
18 subsection (d)(2)(B) of this section.”.

19 (C) OTHER EMPLOYEES COVERED UNDER
20 THE FAMILY AND MEDICAL LEAVE ACT OF
21 1993.—Section 102(a) of the Family and Med-
22 ical Leave Act of 1993 (29 U.S.C. 2611(a)) is
23 amended by adding at the end the following:

24 “(6) SPECIAL RULES ON PERIOD OF LEAVE.—

25 With respect to an employee of the Government Ac-

1 countability Office and an employee of the Library
2 of Congress—

3 “(A) in the case of leave that includes
4 leave under subparagraph (A) or (B) of para-
5 graph (1), the employee shall be entitled to 12
6 administrative workweeks of leave plus any ad-
7 ditional period of leave used under subsection
8 (d)(3)(B)(ii) of this section or section
9 202(d)(2)(B) of the Congressional Account-
10 ability Act of 1995 (2 U.S.C. 1312(d)(2)(B)),
11 as the case may be; and

12 “(B) for purposes of paragraph (4), the
13 employee is entitled, under paragraphs (1) and
14 (3), to a combined total of 26 workweeks of
15 leave plus, if applicable, any additional period
16 of leave used under subsection (d)(3)(B)(ii) of
17 this section or section 202(d)(2)(B) of the Con-
18 gressional Accountability Act of 1995 (2 U.S.C.
19 1312(d)(2)(B)), as the case may be.”.

20 (3) APPLICABILITY.—The amendments made
21 by this subsection shall not be effective with respect
22 to any birth or placement occurring before October
23 1, 2020.

24 (b) PAID PARENTAL LEAVE FOR PRESIDENTIAL EM-
25 PLOYEES.—

1 (1) AMENDMENTS TO CHAPTER 5 OF TITLE 3,
2 UNITED STATES CODE.—Section 412 of title 3,
3 United States Code, is amended—

4 (A) in subsection (a)(1), by adding at the
5 end the following: “In applying section 102 of
6 such Act with respect to leave for an event de-
7 scribed in subsection (a)(1)(A) or (B) of such
8 section to covered employees, subsection (c) of
9 this section shall apply and in the case of leave
10 that includes leave for such an event, the period
11 of leave to which a covered employee is entitled
12 under section 102(a)(1) of such Act shall be 12
13 administrative workweeks of leave plus any ad-
14 ditional period of leave used under subsection
15 (c)(2)(B) of this section. For purposes of apply-
16 ing section 102(a)(4) of such Act, in the case
17 of leave that includes leave under subparagraph
18 (A) or (B) of section 102(a)(1) of such Act, a
19 covered employee is entitled, under paragraphs
20 (1) and (3) of section 102(a) of such Act, to a
21 combined total of 26 workweeks of leave plus
22 any additional period of leave used under sub-
23 section (c)(2)(B) of this section.”;

24 (B) by redesignating subsections (c) and
25 (d) as subsections (d) and (e), respectively;

1 (C) by inserting after subsection (b) the
2 following:

3 “(c) SPECIAL RULE FOR PAID PARENTAL LEAVE.—

4 “(1) SUBSTITUTION OF PAID LEAVE.—A cov-
5 ered employee may elect to substitute for any leave
6 without pay under subparagraph (A) or (B) of sec-
7 tion 102(a)(1) of the Family and Medical Leave Act
8 of 1993 (29 U.S.C. 2612(a)(1)) any paid leave
9 which is available to such employee for that purpose.

10 “(2) AMOUNT OF PAID LEAVE.—The paid leave
11 that is available to a covered employee for purposes
12 of paragraph (1) is—

13 “(A) the number of weeks of paid parental
14 leave in connection with the birth or placement
15 involved that corresponds to the number of ad-
16 ministrative workweeks of paid parental leave
17 available to employees under section
18 6382(d)(2)(B)(i) of title 5, United States Code;
19 and

20 “(B) during the 12-month period referred
21 to in section 102(a)(1) of the Family and Med-
22 ical Leave Act of 1993 (29 U.S.C. 2612(a)(1))
23 and in addition to the administrative workweeks
24 described in subparagraph (A), any additional
25 paid vacation, personal, family, medical, or sick

1 leave provided by the employing office to such
2 employee.

3 “(3) LIMITATION.—Nothing in this section or
4 section 102(d)(2)(A) of the Family and Medical
5 Leave Act of 1993 (29 U.S.C. 2612(d)(2)(A)) shall
6 be considered to require or permit an employing of-
7 fice to require that an employee first use all or any
8 portion of the leave described in paragraph (2)(B)
9 before being allowed to use the paid parental leave
10 described in paragraph (2)(A).

11 “(4) ADDITIONAL RULES.—Paid parental leave
12 under paragraph (2)(A)—

13 “(A) shall be payable from any appropria-
14 tion or fund available for salaries or expenses
15 for positions within the employing office;

16 “(B) if not used by the covered employee
17 before the end of the 12-month period (as re-
18 ferred to in section 102(a)(1) of the Family and
19 Medical Leave Act of 1993 (29 U.S.C.
20 2612(a)(1))) to which it relates, shall not accu-
21 mulate for any subsequent use; and

22 “(C) shall apply without regard to the limi-
23 tations in subparagraph (E), (F), or (G) of sec-
24 tion 6382(d)(2) of title 5, United States Code,
25 or section 104(c)(2) of the Family and Medical

1 Leave Act of 1993 (29 U.S.C. 2614(c)(2)).”;
2 and

3 (D) in subsection (e)(1), as so redesign-
4 nated, by striking “subsection (c)” and insert-
5 ing “subsection (d)”.

6 (2) APPLICABILITY.—The amendments made
7 by this subsection shall not be effective with respect
8 to any birth or placement occurring before October
9 1, 2020.

10 (c) FAA AND TSA.—

11 (1) FAA.—

12 (A) IN GENERAL.—Paragraph (3) of sec-
13 tion 102(d) of the Family and Medical Leave
14 Act of 1993 (29 U.S.C. 2612(d)(3)), as added
15 by section 7604 of the National Defense Au-
16 thorization Act for Fiscal Year 2020 (Public
17 Law 116–92), is amended—

18 (i) in the paragraph heading, by in-
19 serting “AND FEDERAL AVIATION ADMINIS-
20 TRATION” after “GAO”;

21 (ii) in subparagraphs (A) and (B), by
22 striking “the Government Accountability
23 Office” in each instance and inserting “the
24 Government Accountability Office or the
25 Federal Aviation Administration”; and

1 (iii) in subparagraph (D)(i), by strik-
2 ing “the Government Accountability Of-
3 fice” and inserting “the Government Ac-
4 countability Office or the Federal Aviation
5 Administration (as the case may be)”.

6 (B) APPLICABILITY.—The amendments
7 made by subparagraph (A) shall not be effective
8 with respect to any birth or placement occur-
9 ring before October 1, 2020.

10 (2) CORRECTIONS FOR TSA SCREENERS.—Sec-
11 tion 7606 of the National Defense Authorization Act
12 for Fiscal Year 2020 (Public Law 116–92) is
13 amended—

14 (A) by striking “Section 111(d)(2)” and
15 inserting the following:

16 “(a) IN GENERAL.—Section 111(d)(2)”; and

17 (B) by adding at the end the following:

18 “(b) EFFECTIVE DATE; APPLICATION.—

19 “(1) IN GENERAL.—The amendment made by
20 subsection (a) shall not be effective with respect to
21 any event for which leave may be taken under sub-
22 chapter V of chapter 63 of title 5, United States
23 Code, occurring before October 1, 2020.

24 “(2) APPLICATION TO SERVICE REQUIREMENT
25 FOR ELIGIBILITY.—For purposes of applying the pe-

1 riod of service requirement under subparagraph (B)
2 of section 6381(1) to an individual appointed under
3 section 111(d)(1) of the Aviation and Transpor-
4 tation Security Act (49 U.S.C. 44935 note), the
5 amendment made by subsection (a) of this section
6 shall apply with respect to any period of service by
7 the individual under such an appointment, including
8 service before the effective date of such amend-
9 ment.”.

10 (d) TITLE 38 EMPLOYEES.—

11 (1) IN GENERAL.—Section 7425 of title 38,
12 United States Code, is amended—

13 (A) in subsection (b), by striking “Not-
14 withstanding” and inserting “Except as pro-
15 vided in subsection (c), and notwithstanding”;
16 and

17 (B) by adding at the end the following:

18 “(c) Notwithstanding any other provision of this sub-
19 chapter, the Administration shall provide to individuals
20 appointed to any position described in section 7421(b) who
21 are employed by the Administration family and medical
22 leave in the same manner, to the maximum extent prac-
23 ticable, as family and medical leave is provided under sub-
24 chapter V of chapter 63 of title 5 to employees, as defined
25 in section 6381(1) of such title.”.

1 (2) APPLICABILITY.—The amendments made
2 by paragraph (1) shall not be effective with respect
3 to any event for which leave may be taken under
4 subchapter V of chapter 63 of title 5, United States
5 Code, occurring before October 1, 2020.

6 (e) ARTICLE I JUDGES.—

7 (1) BANKRUPTCY JUDGES.—Section 153(d) of
8 title 28, United States Code, is amended—

9 (A) by striking “A bankruptcy judge” and
10 inserting “(1) Except as provided in paragraph
11 (2), a bankruptcy judge”; and

12 (B) by adding at the end the following:

13 “(2) The provisions of subchapter V of chapter 63
14 of title 5 shall apply to a bankruptcy judge as if the bank-
15 ruptcy judge were an employee (within the meaning of
16 subparagraph (A) of section 6381(1) of such title).”.

17 (2) MAGISTRATE JUDGES.—Section 631(k) of
18 title 28, United States Code, is amended—

19 (A) by striking “A United States mag-
20 istrate judge” and inserting “(1) Except as pro-
21 vided in paragraph (2), a United States mag-
22 istrate judge”; and

23 (B) by adding at the end the following:

24 “(2) The provisions of subchapter V of chapter 63
25 of title 5 shall apply to a United States magistrate judge

1 as if the United States magistrate judge were an employee
2 (within the meaning of subparagraph (A) of section
3 6381(1) of such title).”.

4 (3) APPLICABILITY.—The amendments made
5 by this subsection shall not be effective with respect
6 to any birth or placement occurring before October
7 1, 2020.

8 (f) TECHNICAL CORRECTIONS.—

9 (1) Section 7605 of the National Defense Au-
10 thorization Act for Fiscal Year 2020 (Public Law
11 116–92) is amended by striking “on active duty”
12 each place it appears and inserting “on covered ac-
13 tive duty”.

14 (2) Subparagraph (E) of section 6382(d)(2) of
15 title 5, United States Code, as added by section
16 7602 of the National Defense Authorization Act for
17 Fiscal Year 2020 (Public Law 116–92), is amended
18 by striking “the requirement to complete” and all
19 that follows and inserting “the service requirement
20 under subparagraph (B) of section 6381(1).”.

21 (3) Section 202(d)(2)(B) of the Congressional
22 Accountability Act of 1995 (2 U.S.C.
23 1312(d)(2)(B)), as amended by section 7603 of the
24 National Defense Authorization Act for Fiscal Year

1 2020 (Public Law 116–92), is amended by inserting
2 “accrued” before “sick leave”.

3 (g) EFFECTIVE DATE.—The amendments made by
4 this section shall take effect as if enacted immediately
5 after the enactment of the National Defense Authorization
6 Act for Fiscal Year 2020 (Public Law 116–92).

1 **SEC. 1102. [LOG 71101] EXERCISE OF DELEGATED AUTHOR-**
2 **ITY UNDER THE FEDERAL SERVICE LABOR-**
3 **MANAGEMENT RELATIONS STATUTE.**

4 (a) REPORT ON USE OF AUTHORITY.—

5 (1) IN GENERAL.—Not later than October 31,
6 2020, the Secretary of Defense shall submit a report
7 to the congressional defense committees describing
8 the conditions under which the Secretary would ex-
9 ercise the authority under section 7103(b) of title 5,
10 United States Code, delegated to the Secretary by
11 the President on January 29, 2020, in the memo-
12 randum entitled “Delegation of Certain Authority
13 Under the Federal Service Labor-Management Rela-
14 tions Statute”, to exclude Department of Defense
15 agencies or subdivisions from coverage under chap-
16 ter 71 of such title (in this section referred to as
17 “FSLMRS coverage”).

18 (2) CONTENTS.—The report under paragraph
19 (1) shall include the following:

20 (A) A discussion of any plans to further
21 delegate such authority.

22 (B) A description of the criteria the De-
23 partment will apply to determine whether
24 FSLMRS coverage cannot be applied to a De-
25 partment of Defense agency or subdivision in a

1 manner consistent with national security re-
2 quirements and considerations.

3 (C) A description of the process and docu-
4 mentation the Department will require to sup-
5 port any request to exclude an agency or sub-
6 division from FSLMRS coverage.

7 (b) EXERCISE OF AUTHORITY.—The Secretary of
8 Defense may not exclude any Department of Defense
9 agency or subdivision from FSLMRS coverage until 30
10 days after the date that the Secretary submits a report
11 to the congressional defense committees. Any such report
12 shall include the following:

13 (1) A description of the size, mission, personnel
14 composition, and union participation within the
15 agency or subdivision.

16 (2) A summary of the agency or subdivision's
17 collective bargaining agreements in effect on the
18 date the report is submitted.

19 (3) Any change in mission or function that ne-
20 cessitates exclusion from FSLMRS coverage.

21 (4) An assessment of the ways in which the
22 agency or subdivision meets the criteria provided
23 pursuant to subsection (a)(2)(B).

1 **SEC. 1106. [LOG 71358] LIMITING THE NUMBER OF LOCAL**
2 **WAGE AREAS DEFINED WITHIN A PAY LOCAL-**
3 **ITY.**

4 (a) LOCAL WAGE AREA LIMITATION.—Section
5 5343(a) of title 5, United States Code, is amended—

6 (1) in paragraph (1)(B)(i), by striking “(but
7 such” and all that follows through “are employed”;

8 (2) in paragraph (4), by striking “and” after
9 the semicolon;

10 (3) in paragraph (5), by striking the period at
11 the end and inserting “; and”; and

12 (4) by adding at the end of the following:

13 “(6) the Office of Personnel Management may
14 define not more than 1 local wage area within a pay
15 locality, except that this paragraph shall not apply
16 to the pay locality designated as ‘Rest of United
17 States’.”.

18 (b) PAY LOCALITY DEFINED.—Section 5342(a) of
19 title 5, United States Code, is amended—

20 (1) in paragraph (2)(C), by striking “and” at
21 the end;

22 (2) in paragraph (3), by striking the period at
23 the end and inserting “; and”; and

24 (3) by adding at the end the following:

25 “(4) ‘pay locality’ has the meaning given that
26 term under section 5302(5).”.

1 (c) REGULATIONS.—The Director of the Office of
2 Personnel Management shall prescribe any regulations
3 necessary to carry out this section and the amendments
4 made by this section, including regulations to ensure that
5 this section and the amendments made by this section
6 shall not have the effect of reducing any rate of basic pay
7 payable to any individual who is serving as a prevailing
8 rate employee (as defined under section 5342(a)(2) of title
9 5, United States Code).

10 (d) EFFECTIVE DATE.—This section and the amend-
11 ments made by this section shall apply with respect to fis-
12 cal year 2022 and each fiscal year thereafter.

1 **Subtitle A—Assistance and**
2 **Training**

3 **SEC. 1201. [LOG 71071] EXTENSION OF REPORT ON WORK-**
4 **FORCE DEVELOPMENT.**

5 Section 1250(b)(1) of the National Defense Author-
6 ization Act for Fiscal Year 2017 (Public Law 114–328;
7 130 Stat. 2529) is amended by striking “through 2021”
8 and inserting “through 2026”.

1 **Subtitle B—Matters Relating to**
2 **Afghanistan and Pakistan**

3 **SEC. 1211. [LOG 71016] EXTENSION AND MODIFICATION OF**
4 **AUTHORITY FOR REIMBURSEMENT OF CER-**
5 **TAIN COALITION NATIONS FOR SUPPORT**
6 **PROVIDED TO UNITED STATES MILITARY OP-**
7 **ERATIONS.**

8 (a) EXTENSION.—Subsection (a) of section 1233 of
9 the National Defense Authorization Act for Fiscal Year
10 2008 (Public Law 110–181; 122 Stat. 393) is amended
11 by striking “October 1, 2019, and ending on December
12 31, 2020” and inserting “October 1, 2020, and ending
13 on December 31, 2021”.

14 (b) MODIFICATION TO LIMITATION.—Subsection
15 (d)(1) of such section is amended—

16 (1) by striking “October 1, 2019, and ending
17 on December 31, 2020” and inserting “October 1,
18 2020, and ending on December 31, 2021”; and

19 (2) by striking “\$450,000,000” and inserting
20 “\$180,000,000”.

1 **SEC. 1212. [LOG 71018] EXTENSION OF THE AFGHAN SPE-**
2 **CIAL IMMIGRANT VISA PROGRAM.**

3 (a) IN GENERAL.—Section 602(b)(3)(F) of the Af-
4 ghan Allies Protection Act of 2009 (8 U.S.C. 1101 note)
5 is amended—

6 (1) in the heading, by striking “2020” and in-
7 serting “2021”;

8 (2) in clause (i), by striking “December 31,
9 2021” and inserting “December 31, 2022”; and

10 (3) in clause (ii), the striking “December 31,
11 2021” inserting “December 31, 2022”.

12 (b) REPORT EXTENSION.—Section 602(b)(13) of
13 such Act (8 U.S.C. 1101 note) is amended by striking
14 “January 31, 2021” and inserting “January 31, 2023”.

1 **Subtitle C—Matters Relating to**
2 **Syria, Iraq, and Iran**

3 **SEC. 1221. [LOG 71015] EXTENSION AND MODIFICATION OF**
4 **AUTHORITY TO PROVIDE ASSISTANCE TO**
5 **COUNTER THE ISLAMIC STATE OF IRAQ AND**
6 **SYRIA.**

7 (a) IN GENERAL.—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) is amended by striking “December 31,
11 2020” and inserting “December 31, 2021”.

12 (b) FUNDING.—Subsection (g) of such section is
13 amended—

14 (1) by striking “fiscal year 2020” and inserting
15 “fiscal year 2021”; and

16 (2) by striking “\$645,000,000” and inserting
17 “\$500,000,000”.

18 (c) WAIVER AUTHORITY; SCOPE.—Subsection (j)(3)
19 of such section is amended—

20 (1) by striking “congressional defense commit-
21 tees” each place it appears and inserting “appro-
22 priate congressional committees”; and

23 (2) by adding at the end the following:

24 “(C) APPROPRIATE CONGRESSIONAL COM-
25 MITTEES DEFINED.—In this paragraph, the

1 term ‘appropriate congressional committees’
2 means—

3 “(i) the Committee on Armed Services
4 and the Committee on Foreign Affairs of
5 the House of Representatives; and

6 “(ii) the Committee on Armed Serv-
7 ices and the Committee on Foreign Rela-
8 tions of the Senate.”.

9 (d) ANNUAL REPORT.—Such section is amended by
10 adding at the end the following:

11 “(o) ANNUAL REPORT.—Not later than 90 days after
12 the date of the enactment of this subsection, and annually
13 thereafter for two years, the Secretary of Defense shall
14 submit to the Committee on Armed Services of the House
15 of Representatives and the Committee on Armed Services
16 of the Senate a report that includes—

17 “(1) a detailed description of the weapons and
18 equipment purchased using the Counter-ISIS Train
19 and Equip Fund in the previous fiscal year; and

20 “(2) a detailed description of the incremental
21 costs for operations and maintenance for Operation
22 Inherent Resolve in the previous fiscal year.”.

23 (e) BUDGET DISPLAY SUBMISSION.—

24 (1) IN GENERAL.—The Secretary of Defense
25 shall include in the budget materials submitted by

1 the Secretary in support of the budget of the Presi-
2 dent (as submitted to Congress pursuant to section
3 1105 of title 31, United States Code) for each of fis-
4 cal years 2022 and 2023 a detailed budget display
5 for funds requested for the Department of Defense
6 for such fiscal year for Operation Inherent Resolve.

7 (2) MATTERS TO BE INCLUDED.—The detailed
8 budget display required under paragraph (1) shall
9 include the following:

10 (A) With respect to procurement ac-
11 counts—

12 (i) amounts displayed by account,
13 budget activity, line number, line item, and
14 line item title; and

15 (ii) a description of the requirements
16 for each such amount.

17 (B) With respect to research, development,
18 test, and evaluation accounts—

19 (i) amounts displayed by account,
20 budget activity, line number, program ele-
21 ment, and program element title; and

22 (ii) a description of the requirements
23 for each such amount.

24 (C) With respect to operation and mainte-
25 nance accounts—

1 (i) amounts displayed by account title,
2 budget activity title, line number, and sub-
3 activity group title; and

4 (ii) a description of the specific man-
5 ner in which each such amount would be
6 used.

7 (D) With respect to military personnel ac-
8 counts—

9 (i) amounts displayed by account,
10 budget activity, budget subactivity, and
11 budget subactivity title; and

12 (ii) a description of the requirements
13 for each such amount.

14 (E) With respect to each project under
15 military construction accounts (including with
16 respect to unspecified minor military construc-
17 tion and amounts for planning and design), the
18 country, location, project title, and project
19 amount for each fiscal year.

1 **SEC. 1222. [LOG 71017] 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) is amended by striking “December 31,
8 2020” and inserting “December 31, 2021”.

9 (b) NOTICE BEFORE PROVISION OF ASSISTANCE.—
10 Subsection (b)(2)(A) of such section is amended by strik-
11 ing “fiscal year 2019 or fiscal year 2020” and inserting
12 “fiscal year 2019, fiscal year 2020, or fiscal year 2021”.

13 (c) CERTIFICATION.—Not later than 30 days after
14 the date of the enactment of this Act, the Secretary of
15 Defense shall certify to the Committee on Armed Services
16 and the Committee on Foreign Affairs of the House of
17 Representatives and the Committee on Armed Services
18 and the Committee on Foreign Relations of the Senate
19 that no United States military forces are being used or
20 have been used for the extraction, transport, transfer, or
21 sale of oil from Syria.

1 **SEC. 1223. [LOG 71023] EXTENSION OF AUTHORITY TO SUP-**
2 **PORT OPERATIONS AND ACTIVITIES OF THE**
3 **OFFICE OF SECURITY COOPERATION IN IRAQ.**

4 Section 1215 of the National Defense Authorization
5 Act for Fiscal Year 2012 (10 U.S.C. 113 note) is amend-
6 ed—

7 (1) in subsections (c) and (d), by striking “fis-
8 cal year 2020” each place it appears and inserting
9 “each of fiscal years 2020 and 2021”; and

10 (2) in subsection (h), by striking “Of the
11 amount made available for fiscal year 2020 to carry
12 out section 1215 of the National Defense Authoriza-
13 tion Act for Fiscal Year 2012, not more than
14 \$20,000,000” and inserting “Of the amounts made
15 available for fiscal years 2020 and 2021 to carry out
16 this section, not more than \$20,000,000 for each
17 such fiscal year”.

1 **SEC. 1224. [LOG 71196] PROHIBITION ON PROVISION OF**
2 **WEAPONS AND OTHER FORMS OF SUPPORT**
3 **TO CERTAIN ORGANIZATIONS.**

4 None of the funds authorized to be appropriated by
5 this Act or otherwise made available for the Department
6 of Defense for fiscal year 2021 may be used to knowingly
7 provide weapons or any other form of support to Al Qaeda,
8 the Islamic State of Iraq and Syria (ISIS), Jabhat Fateh
9 al Sham, Hamas, Hizballah, Palestine Islamic Jihad, al-
10 Shabaab, Islamic Revolutionary Guard Corps, or any indi-
11 vidual or group affiliated with any such organization.

1 **Subtitle D—Matters Relating to**
2 **Russia**

3 **SEC. 1231. [LOG 70852] 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 2021 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 of Defense—

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 Af-
21 fairs of the House of Representatives and the Com-
22 mittee on Armed Services and the Committee on
23 Foreign Relations of the Senate.

1 **SEC. 1232. [LOG 70853] 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), is amended by striking “, 2019, or 2020”
8 and inserting “2019, 2020, or 2021”.

1 **SEC. 1233. [LOG 70854] MODIFICATION AND EXTENSION OF**
2 **UKRAINE SECURITY ASSISTANCE INITIATIVE.**

3 (a) IN GENERAL.—Section 1250 of the National De-
4 fense Authorization Act for Fiscal Year 2016 (Public Law
5 114–92; 129 Stat. 1068) is amended—

6 (1) in subsection (c)—

7 (A) in paragraph (1), by striking “50 per-
8 cent of the funds available for fiscal year 2020
9 pursuant to subsection (f)(5)” and inserting
10 “50 percent of the funds available for fiscal
11 year 2021 pursuant to subsection (f)(6)”; and

12 (B) in paragraph (3), by striking “fiscal
13 year 2020” and inserting “fiscal year 2021”;
14 and

15 (C) in paragraph (5), by striking “Of the
16 funds available for fiscal year 2020 pursuant to
17 subsection (f)(5)” and inserting “Of the funds
18 available for fiscal year 2021 pursuant to sub-
19 section (f)(6)”;

20 (2) in subsection (f), by adding at the end the
21 following:

22 “(6) For fiscal year 2021, \$250,000,000.”; and

23 (3) in subsection (h), by striking “December
24 31, 2022” and inserting “December 31, 2023”.

25 (b) EXTENSION OF REPORTS ON MILITARY ASSIST-
26 ANCE TO UKRAINE.—Section 1275(e) of the Carl Levin

1 and Howard P. “Buck” McKeon National Defense Au-
2 thorization Act for Fiscal Year 2015 (Public Law 113–
3 291; 128 Stat. 3592) is amended by striking “January
4 31, 2021” and inserting “December 31, 2023”.

1 **SEC. 1234. [LOG 71188] UNITED STATES PARTICIPATION IN**
2 **THE OPEN SKIES TREATY.**

3 (a) NOTIFICATION REQUIRED.—

4 (1) IN GENERAL.—Prior to the provision of no-
5 tice of intent to withdraw the United States from
6 the Open Skies Treaty to either treaty depository
7 pursuant to Article XV of the Treaty, the Secretary
8 of Defense and the Secretary of State shall jointly
9 submit to the appropriate congressional commit-
10 tees—

11 (A) a notification that the United States
12 has concluded agreements with other state par-
13 ties to the Treaty that host United States mili-
14 tary forces and assets to ensure that after such
15 withdrawal the United States will be provided
16 sufficient notice by such state parties of re-
17 quests for observation flights over the terri-
18 tories of such state parties under the Treaty; or

19 (B) if the United States has not concluded
20 the agreements described in subparagraph (A),
21 a description of how the United States will con-
22 sistently and reliably be provided with sufficient
23 warning of observation flights described in sub-
24 paragraph (A) by other means, including a de-
25 scription of assets and personnel and policy im-
26 plications of using such other means.

1 (2) SUBMISSION OF AGREEMENTS.—Upon pro-
2 vision of notice of intent to withdraw the United
3 States from the Open Skies Treaty to either treaty
4 depository pursuant to Article XV of the Treaty, the
5 Secretary of Defense and the Secretary of State
6 shall jointly submit to the appropriate congressional
7 committees copies of the agreements described in
8 paragraph (1)(A).

9 (b) REPORT.—

10 (1) IN GENERAL.—Not later than 90 days after
11 the date of the enactment of this Act, the Secretary
12 of Defense and the Secretary of State, in coordina-
13 tion with the Director of National Intelligence and
14 the Under Secretary of Defense for Intelligence and
15 Security, shall jointly submit to the appropriate con-
16 gressional committees a report on the effects of a
17 potential withdrawal of the United States from the
18 Open Skies Treaty.

19 (2) MATTERS TO BE INCLUDED.—The report
20 required by paragraph (1) shall include the fol-
21 lowing:

22 (A) A description of how the United States
23 will replace benefits of cooperation with United
24 States allies under the Treaty.

25 (B) A description of—

1 (i) how the United States will obtain
2 unclassified, publicly-releasable imagery it
3 currently receives under the Treaty;

4 (ii) if national technical means are
5 used as a replacement to obtain such im-
6 agery—

7 (I) how the requirements satis-
8 fied by collection under the Treaty
9 will be prioritized within the National
10 Intelligence Priorities Framework;

11 (II) a plan to mitigate any gaps
12 in collection; and

13 (III) requirements and timelines
14 for declassification of data for public
15 release; and

16 (iii) if commercial imagery is used as
17 a replacement to obtain such imagery—

18 (I) contractual actions and asso-
19 ciated timelines needed to purchase
20 such imagery;

21 (II) costs to purchase commercial
22 imagery equivalent to that which is
23 obtained under the Treaty; and

24 (III) estimates of costs to share
25 that data with other state parties to

1 the Treaty that are United States
2 partners.

3 (C) A description of how the United States
4 will replace intelligence information, other than
5 imagery, obtained under the Treaty.

6 (D) A description of how the United States
7 will ensure continued dialogue with Russia in a
8 manner similar to formal communications as
9 confidence-building measures to reinforce stra-
10 tegic stability required under the Treaty.

11 (E) All unedited responses to the question-
12 naire provided to United States allies by the
13 United States in 2019 and all official state-
14 ments provided to the United States by United
15 States allies in 2019 or 2020 relating to United
16 States withdrawal from the Treaty.

17 (F) An assessment of the impact of such
18 withdrawal on—

19 (i) United States leadership in the
20 North Atlantic Treaty Organization
21 (NATO); and

22 (ii) cohesion and cooperation among
23 NATO member states.

24 (G) A description of options to continue
25 confidence-building measures under the Treaty

1 with other state parties to the Treaty that are
2 United States allies.

3 (H) An assessment of the Defense Intel-
4 ligence Agency of the impact on national secu-
5 rity of such withdrawal.

6 (I) An assessment of how the United
7 States will influence decisions regarding certifi-
8 cations of new sensors, primarily synthetic ap-
9 erture radar sensors, under the Treaty that
10 could pose additional risk to deployed United
11 States military forces and assets.

12 (3) FORM.—The report required by paragraph
13 (1) shall be submitted in unclassified form but may
14 contain a classified annex.

15 (c) DEFINITIONS.—In this section:

16 (1) APPROPRIATE CONGRESSIONAL COMMIT-
17 TEES.—The term “appropriate congressional com-
18 mittees” means—

19 (A) the congressional defense committees;

20 (B) the Committee on Foreign Affairs and
21 the Permanent Select Committee on Intelligence
22 of the House of Representatives; and

23 (C) the Committee on Foreign Relations
24 and the Select Committee on Intelligence of the
25 Senate.

1 (2) OBSERVATION FLIGHT.—The term “obser-
2 vation flight” has the meaning given such term in
3 Article II of the Open Skies Treaty.

4 (3) OPEN SKIES TREATY; TREATY.—The term
5 “Open Skies Treaty” or “Treaty” means the Treaty
6 on Open Skies, done at Helsinki March 24, 1992,
7 and entered into force January 1, 2002.

1 **Subtitle E—Matters Relating to the**
2 **Indo-Pacific Region**

3 **SEC. 1241. [LOG 71057] INDO-PACIFIC REASSURANCE INI-**
4 **TIATIVE.**

5 (a) SENSE OF CONGRESS.—It is the sense of Con-
6 gress that—

7 (1) a stable, peaceful, and secure Indo-Pacific
8 region is vital to United States economic and na-
9 tional security;

10 (2) revisionist states, rogue states, violent ex-
11 tremist organizations, and natural and manmade
12 disasters are persistent challenges to regional sta-
13 bility and security;

14 (3) maintaining stability and upholding a rules-
15 based order requires a holistic United States strat-
16 egy that—

17 (A) synchronizes all elements of national
18 power;

19 (B) is inclusive of United States allies and
20 partner countries; and

21 (C) ensures a persistent, predictable
22 United States presence to reinforce regional de-
23 fense;

1 (4) enhancing regional defense requires robust
2 efforts to increase capability, readiness, and respon-
3 siveness to deter and mitigate destabilizing activities;

4 (5) the Department of Defense should pursue
5 an integrated program of activities to—

6 (A) reassure United States allies and part-
7 ner countries in the Indo-Pacific region;

8 (B) appropriately prioritize activities and
9 resources to implement the National Defense
10 Strategy; and

11 (C) enhance the ability of Congress to pro-
12 vide oversight of and support to Department of
13 Defense efforts;

14 (6) an integrated, coherent, and strategic pro-
15 gram of activities in the Indo-Pacific region, similar
16 to the European Deterrence Initiative (originally the
17 European Reassurance Initiative), will enhance
18 United States presence and positioning, allow for ad-
19 ditional exercises, improve infrastructure and logis-
20 tics, and build allied and partner capacity to deter
21 aggression, strengthen ally and partner interoper-
22 ability, and demonstrate United States commitment
23 to Indo-Pacific countries;

24 (7) an integrated, coherent, and strategic pro-
25 gram of activities in the Indo-Pacific region will also

1 assist in resourcing budgetary priorities and enhance-
2 ing transparency and oversight of programs and ac-
3 tivities to better enable a coordinated and strategic
4 plan for Department of Defense programs;

5 (8) not less than \$3,578,360,000 of base fund-
6 ing should be allocated to fully support such pro-
7 gram of activities in fiscal year 2021; and

8 (9) the Department of Defense should ensure
9 adequate, consistent planning is conducted for fu-
10 ture funding and build upon the activities identified
11 in fiscal year 2021 in future budget requests, as ap-
12 propriate.

13 (b) INDO-PACIFIC REASSURANCE INITIATIVE.—The
14 Secretary of Defense shall carry out a program of
15 prioritized activities to reassure United States allies and
16 partner countries in the Indo-Pacific region that shall be
17 known as the “Indo-Pacific Reassurance Initiative” (in
18 this section referred to as the “Initiative”).

19 (c) OBJECTIVES.—The objectives of the Initiative
20 shall include reassuring United States allies and partner
21 countries in the Indo-Pacific region by—

22 (1) optimizing the presence of United States
23 Armed Forces in the region;

1 (2) strengthening and maintaining bilateral and
2 multilateral military exercises and training with such
3 countries;

4 (3) improving infrastructure in the region to
5 enhance the responsiveness of United States Armed
6 Forces;

7 (4) enhancing the prepositioning of equipment
8 and materiel in the region; and

9 (5) building the defense and security capabili-
10 ties, capacity, and cooperation of such countries.

11 (d) PLAN RELATING TO TRANSPARENCY FOR THE
12 INDO-PACIFIC REASSURANCE INITIATIVE.—

13 (1) PLAN REQUIRED.—

14 (A) IN GENERAL.—Not later than Feb-
15 ruary 1, 2022, and annually thereafter, the Sec-
16 retary of Defense, in consultation with the
17 Commander of the United States Indo-Pacific
18 Command, shall submit to the congressional de-
19 fense committees a future years plan on activi-
20 ties and resources of the Initiative.

21 (B) APPLICABILITY.—The plan shall apply
22 to the Initiative with respect to the first fiscal
23 year beginning after the date of submission of
24 the plan and at least the four succeeding fiscal
25 years.

1 (2) MATTERS TO BE INCLUDED.—The plan re-
2 quired under paragraph (1) shall include each of the
3 following:

4 (A) A summary of progress made towards
5 achieving the objectives of the Initiative.

6 (B) An assessment of resource require-
7 ments to achieve such objectives.

8 (C) An assessment of capabilities require-
9 ments to achieve such objectives.

10 (D) An assessment of logistics require-
11 ments, including force enablers, equipment,
12 supplies, storage, and maintenance require-
13 ments, to achieve such objectives.

14 (E) An identification of the intended force
15 structure and posture of the assigned and allo-
16 cated forces within the area of responsibility of
17 the United States Indo-Pacific Command for
18 the last fiscal year of the plan and the manner
19 in which such force structure and posture sup-
20 port such objectives.

21 (F) An identification and assessment of re-
22 quired infrastructure and military construction
23 investments to achieve such objectives, includ-
24 ing potential infrastructure investments pro-
25 posed by host countries, new construction or

1 modernization of existing sites that would be
2 funded by the United States, and a master plan
3 that includes the following:

4 (i) A list of specific locations, orga-
5 nized by country, in which the Commander
6 of the United States Indo-Pacific Com-
7 mand anticipates requiring infrastructure
8 investments to support an enduring or
9 periodic military presence in the region.

10 (ii) A list of specific infrastructure in-
11 vestments required at each location identi-
12 fied under clause (i), to include the project
13 title and estimated cost of each project.

14 (iii) A brief explanation for how each
15 location identified under clause (i) and in-
16 frastructure investments identified under
17 clause (ii) support a validated requirement
18 or component of the overall strategy in the
19 region.

20 (iv) A discussion of any gaps in the
21 current infrastructure authorities that
22 would preclude implementation of the in-
23 frastructure investments identified under
24 clause (ii).

1 (v) A description of the type and size
2 of military force elements that would main-
3 tain an enduring presence or operate peri-
4 odically from each location identified under
5 clause (i).

6 (vi) A summary of kinetic and non-ki-
7 netic vulnerabilities for current locations
8 and each location identified in clause (i), to
9 include—

10 (I) the level of risk associated
11 with each vulnerability; and

12 (II) the proposed mitigations and
13 projected costs to address each such
14 vulnerability, to include—

15 (aa) hardening and other re-
16 silience measures;

17 (bb) active and passive
18 counter-Intelligence, Surveillance,
19 and Reconnaissance;

20 (cc) active and passive
21 counter Positioning, Navigation,
22 and Timing;

23 (dd) air and missile defense
24 capabilities;

1 (ee) enhanced logistics and
2 sea lines of communication secu-
3 rity; and

4 (ff) other issues identified by
5 the Commander of the United
6 States Indo-Pacific Command.

7 (G) An assessment of logistics require-
8 ments, including force enablers, equipment,
9 supplies, storage, fuel storage and distribution,
10 and maintenance requirements, to achieve such
11 objectives.

12 (H) An analysis of the challenges to the
13 ability of the United States to deploy significant
14 forces from the continental United States to the
15 Indo-Pacific theater in the event of a major
16 contingency, and a description of the plans of
17 the Department of Defense, including military
18 exercises, to address such challenges.

19 (I) An assessment and plan for security co-
20 operation investments to enhance such objec-
21 tives.

22 (J) A plan to resource United States force
23 posture and capabilities, including—

24 (i) the infrastructure capacity of exist-
25 ing locations and their ability to accommo-

1 date additional United States forces in the
2 Indo-Pacific region;

3 (ii) the potential new locations for ad-
4 ditional United States Armed Forces in the
5 Indo-Pacific region, including an assess-
6 ment of infrastructure and military con-
7 struction resources necessary to accommo-
8 date such forces;

9 (iii) a detailed timeline to achieve de-
10 sired posture requirements;

11 (iv) a detailed assessment of the re-
12 sources necessary to achieve the require-
13 ments of the plan, including specific cost
14 estimates for each project under the Initia-
15 tive to support optimized presence, exer-
16 cises and training, enhanced
17 prepositioning, improved infrastructure,
18 and building partnership capacity; and

19 (v) a detailed timeline to achieve the
20 force posture and capabilities, including
21 force requirements.

22 (K) A detailed explanation of any signifi-
23 cant modifications of the requirements or re-
24 sources, as compared to plans previously sub-
25 mitted under paragraph (1).

1 (L) Any other matters the Secretary of
2 Defense determines should be included.

3 (3) FORM.—The plan required under paragraph
4 (1) shall be submitted in unclassified form, but may
5 include a classified annex.

6 (e) BUDGET SUBMISSION INFORMATION.—For fiscal
7 year 2022 and each fiscal year thereafter, the Secretary
8 of Defense shall include in the budget justification mate-
9 rials submitted to Congress in support of the Department
10 of Defense budget for that fiscal year (as submitted with
11 the budget of the President under section 1105(a) of title
12 31, United States Code)—

13 (1) the amounts, by budget function and as a
14 separate item, requested for the Department of De-
15 fense for such fiscal year for all programs and activi-
16 ties under the Initiative; and

17 (2) a detailed budget display for the Initiative,
18 including—

19 (A) with respect to procurement ac-
20 counts—

21 (i) amounts displayed by account,
22 budget activity, line number, line item, and
23 line item title; and

24 (ii) a description of the requirements
25 for each such amounts;

1 (B) with respect to research, development,
2 test, and evaluation accounts—

3 (i) amounts displayed by account,
4 budget activity, line number, program ele-
5 ment, and program element title; and

6 (ii) a description of the requirements
7 for each such amount;

8 (C) with respect to operation and mainte-
9 nance accounts—

10 (i) amounts displayed by account title,
11 budget activity title, line number, and sub-
12 activity group title; and

13 (ii) a description of how such amounts
14 will specifically be used;

15 (D) with respect to military personnel ac-
16 counts—

17 (i) amounts displayed by account,
18 budget activity, budget subactivity, and
19 budget subactivity title; and

20 (ii) a description of the requirements
21 for each such amount; and

22 (E) with respect to each project under
23 military construction accounts (including with
24 respect to unspecified minor military construc-
25 tion and amounts for planning and design), the

1 country, location, project title, and project
2 amount for each fiscal year.

3 (f) END OF FISCAL YEAR REPORT.—Not later than
4 November 20, 2022, and annually thereafter, the Sec-
5 retary of Defense shall submit to the congressional defense
6 committees a report that contains—

7 (1) a detailed summary of funds obligated for
8 the Initiative during the preceding fiscal year; and

9 (2) a detailed comparison of funds obligated for
10 the Initiative during the preceding fiscal year to the
11 amount of funds requested for the Initiative for such
12 fiscal year in the materials submitted to Congress by
13 the Secretary in support of the budget of the Presi-
14 dent for that fiscal year as required by subsection
15 (e), including with respect to each of the accounts
16 described in subparagraphs (A), (B), (C), (D), and
17 (E) of subsection (e)(2) and the information re-
18 quired under each such subparagraph.

19 (g) BRIEFINGS REQUIRED.—Not later than March 1,
20 2023, and annually thereafter, the Secretary of Defense
21 shall provide to the congressional defense committees a
22 briefing on the status of all matters covered by the report
23 required by section (f).

1 (h) RELATIONSHIP TO BUDGET.—Nothing in this
2 section shall be construed to affect section 1105(a) of title
3 31, United States Code.

4 (i) CONFORMING REPEAL.—Section 1251 of the Na-
5 tional Defense Authorization Act for Fiscal Year 2018
6 (Public Law 115–91; 131 Stat. 1676) is repealed.

1 **SEC. 1242. [LOG 71195] REPORT ON CHINA'S ONE BELT, ONE**
2 **ROAD INITIATIVE IN AFRICA.**

3 (a) IN GENERAL.—Not later than one year after the
4 date of the enactment of this Act, the Secretary of De-
5 fense, in coordination with the Secretary of State and the
6 Director of National Intelligence, shall submit to the ap-
7 propriate congressional committees a report on the mili-
8 tary and defense implications of China's One Belt, One
9 Road Initiative in Africa and a strategy to address im-
10 pacts on United States military and defense interests in
11 Africa.

12 (b) MATTERS TO BE INCLUDED.—The report re-
13 quired by subsection (a) shall include the following:

14 (1) An assessment of Chinese dual-use invest-
15 ments in Africa, including a description of which in-
16 vestments that are of greatest concern to United
17 States military or defense interests.

18 (2) A description of such investments that are
19 associated with People's Liberation Army coopera-
20 tion with African countries.

21 (3) An assessment of the potential military, in-
22 telligence, and logistical threats facing United
23 States' key regional military infrastructure, supply
24 chains, and staging grounds due to such invest-
25 ments.

1 (4) An identification of Department of Defense
2 measures taken to mitigate the risk posed to United
3 States forces and defense interests by such invest-
4 ments.

5 (5) A strategy to address ongoing military and
6 defense implications posed by the expansion of such
7 investments.

8 (c) DEFINITIONS.—In this section:

9 (1) APPROPRIATE CONGRESSIONAL COMMIT-
10 TEES.—The term “appropriate congressional com-
11 mittees” means—

12 (A) the Committee on Armed Services, the
13 Committee on Foreign Affairs, and the Perma-
14 nent Select Committee on Intelligence of the
15 House of Representatives; and

16 (B) the Committee on Armed Services, the
17 Committee on Foreign Relations, and Select
18 Committee on Intelligence of the Senate.

19 (2) CHINESE DUAL-USE INVESTMENTS IN AFRI-
20 CA.—The term “Chinese dual-use investments in Af-
21 rica” means investments made by the Government of
22 the People’s Republic of China, the Chinese Com-
23 munist Party, or companies owned or controlled by
24 such Government or Party in the infrastructure of

1 African countries or related projects for both com-
2 mercial and military or proliferation purposes.

3 (d) FORM.—The report required by subsection (a)
4 shall—

5 (1) be submitted in unclassified form but may
6 contain a classified annex; and

7 (2) be made available to the public on the
8 website of the Department of Defense.

1 **SEC. 1244. [LOG 71056] LIMITATION ON USE OF FUNDS TO**
2 **REDUCE THE TOTAL NUMBER OF MEMBERS**
3 **OF THE ARMED FORCES SERVING ON ACTIVE**
4 **DUTY WHO ARE DEPLOYED TO SOUTH**
5 **KOREA.**

6 None of the funds authorized to be appropriated by
7 this Act may be used to reduce the total number of mem-
8 bers of the Armed Forces serving on active duty who are
9 deployed to South Korea below 28,500 until 180 days
10 after the date on which the Secretary of Defense certifies
11 to the congressional defense committees the following:

12 (1) Such a reduction is in the national security
13 interest of the United States and will not signifi-
14 cantly undermine the security of United States allies
15 in the region.

16 (2) Such a reduction is commensurate with a
17 reduction in the threat posed to the United States
18 and its allies in the region by the Democratic Peo-
19 ple's Republic of Korea.

20 (3) Following such a reduction, the Republic of
21 Korea would be capable of deterring a conflict on
22 the Korean Peninsula.

23 (4) The Secretary has appropriately consulted
24 with allies of the United States, including South
25 Korea and Japan, regarding such a reduction.

1 **Subtitle F—Other Matters**
2 **SEC. 1251. [LOG 71084] CONSOLIDATED BUDGET DISPLAY**
3 **AND REPORT ON OPERATION SPARTAN**
4 **SHIELD.**

5 (a) BUDGET DISPLAY SUBMISSION.—

6 (1) IN GENERAL.—The Secretary of Defense
7 shall include in the budget materials submitted by
8 the Secretary in support of the budget of the Presi-
9 dent (as submitted to Congress pursuant to section
10 1105 of title 31, United States Code) for each of fis-
11 cal years 2022 and 2023 a detailed budget display
12 for funds requested for the Department of Defense
13 for such fiscal year for Operation Spartan Shield
14 and Iran deterrence-related programs and activities
15 of the Department of Defense in the United States
16 Central Command area of operation.

17 (2) MATTERS TO BE INCLUDED.—The detailed
18 budget display required under paragraph (1) shall
19 include the following:

20 (A) With respect to procurement ac-
21 counts—

22 (i) amounts displayed by account,
23 budget activity, line number, line item, and
24 line item title; and

1 (ii) a description of the requirements
2 for each such amount.

3 (B) With respect to research, development,
4 test, and evaluation accounts—

5 (i) amounts displayed by account,
6 budget activity, line number, program ele-
7 ment, and program element title; and

8 (ii) a description of the requirements
9 for each such amount.

10 (C) With respect to operation and mainte-
11 nance accounts—

12 (i) amounts displayed by account title,
13 budget activity title, line number, and sub-
14 activity group title; and

15 (ii) a description of the specific man-
16 ner in which each such amount would be
17 used.

18 (D) With respect to military personnel ac-
19 counts—

20 (i) amounts displayed by account,
21 budget activity, budget subactivity, and
22 budget subactivity title; and

23 (ii) a description of the requirements
24 for each such amount.

1 (E) With respect to each project under
2 military construction accounts (including with
3 respect to unspecified minor military construc-
4 tion and amounts for planning and design), the
5 country, location, project title, and project
6 amount for each fiscal year.

7 (b) REPORT.—

8 (1) IN GENERAL.—Not later than 180 days
9 after the date of the enactment of this Act, and an-
10 nually thereafter in conjunction with the submission
11 of the budget of President (as submitted to Congress
12 pursuant to section 1105 of title 31, United States
13 Code) for each of fiscal years 2022 and 2023, the
14 Secretary of Defense shall submit to the Committee
15 on Armed Services of the House of Representatives
16 and the Committee on Armed Services of the Senate
17 a report on Operation Spartan Shield.

18 (2) MATTERS TO BE INCLUDED.—The report
19 required by paragraph (1) should include—

20 (A)(i) for the first report, a history of the
21 operation and its objectives; and

22 (ii) for each subsequent report, a descrip-
23 tion of the operation and its objectives during
24 the prior year;

1 (B) a list and description of significant ac-
2 tivities and exercises carried out under the op-
3 eration during the prior year;

4 (C) a description of the purpose and goals
5 of such activities and exercises and an assess-
6 ment of the degree to which stated goals were
7 achieved during the prior year;

8 (D) a description of criteria used to judge
9 the effectiveness of joint exercises to build part-
10 ner capacity under the operation during the
11 prior year;

12 (E) an identification of incremental and
13 estimated total costs of the operation during
14 the prior year, including a separate identifica-
15 tion of incremental costs of increased force
16 presence in the United States Central Com-
17 mand area of responsibility to counter Iran
18 since May 2019; and

19 (F) any other matters the Secretary deter-
20 mines appropriate.

21 (3) FORM.—The report required by paragraph
22 (1) shall be submitted in unclassified form but may
23 include a classified annex.

1 **SEC. 1252. [LOG 71223] REPORT ON OPERATION FREEDOM**
2 **SENTINEL.**

3 (a) IN GENERAL.—Not later than 90 days after the
4 date of the enactment of this Act, and as part of the mate-
5 rials relating to Operation Freedom Sentinel submitted to
6 Congress by the Secretary of Defense in support of the
7 budget of the President for the following two fiscal years,
8 the Secretary shall submit to the Committee on Armed
9 Services of the House of Representatives and the Com-
10 mittee on Armed Services of the Senate a report on Oper-
11 ation Freedom Sentinel.

12 (b) MATTERS TO BE INCLUDED.—The report re-
13 quired by subsection (a) shall include a list and description
14 of activities, exercises, and funding amounts carried out
15 under the operation, including—

- 16 (1) specific direct war costs;
17 (2) activities that occur in Afghanistan;
18 (3) activities that occur outside of Afghanistan,
19 including training and costs relating to personnel;
20 (4) activities that provide funding to any of the
21 services that is part of the operation's budget re-
22 quest; and
23 (5) activities related to transportation, logistics,
24 and other support.

1 **SEC. 1253. [LOG 71193] REPORT RELATING TO REDUCTION**
2 **IN THE TOTAL NUMBER OF UNITED STATES**
3 **ARMED FORCES DEPLOYED TO UNITED**
4 **STATES AFRICA COMMAND AREA OF RESPON-**
5 **SIBILITY.**

6 (a) REDUCTION DESCRIBED.—

7 (1) IN GENERAL.—If the Department of De-
8 fense reduces the number of United States Armed
9 Forces deployed to the United States Africa Com-
10 mand area of responsibility (in this section referred
11 to as “AFRICOM AOR”) (other than United States
12 Armed Forces described in paragraph (2)) to a num-
13 ber that is below 80 percent of the number deployed
14 as of the day before the date of the enactment of
15 this Act, the Secretary of Defense, in consultation
16 with the Secretary of State and the Director of Na-
17 tional Intelligence, shall, not later than 90 days after
18 date of such a reduction, submit to the appropriate
19 congressional committees a report described in sub-
20 section (b).

21 (2) UNITED STATES ARMED FORCES DE-
22 SCRIBED.—United States Armed Forces described in
23 this paragraph are United States Armed Forces that
24 are deployed to AFRICOM AOR but are not under
25 the direct authority of the Commander of United
26 States Africa Command, including—

1 (A) forces deployed in conjunction with
2 other Commands;

3 (B) forces participating in joint exercises;

4 (C) forces identified for pre-planned activi-
5 ties;

6 (D) forces used to assist in emergency sit-
7 uations; and

8 (E) forces designated or assigned for diplo-
9 matic or embassy security.

10 (b) REPORT.—

11 (1) IN GENERAL.—A report described in this
12 subsection is a report that includes each of the fol-
13 lowing:

14 (A) A strategic plan to—

15 (i) degrade each of the violent extrem-
16 ist organizations described in paragraph
17 (2) within the AFRICOM AOR, to include
18 an assessment of the extent to which such
19 violent extremist organizations pose a di-
20 rect threat to the United States; and

21 (ii) counter the military influence of
22 China and Russia within the AFRICOM
23 AOR.

24 (B) The average number of United States
25 Armed Forces that are under the direct author-

1 ity of the Commander of United States Africa
2 Command and deployed to AFRICOM AOR
3 and the amount of associated expenditures, to
4 be listed by month for each of the fiscal years
5 2019 and 2020 and disaggregated by mission
6 and country, to include those forces deployed to
7 secure United States embassies.

8 (C) The average number of United States
9 Armed Forces that are planned to be under the
10 direct authority of the Commander of United
11 States Africa Command and deployed to
12 AFRICOM AOR and the amount of projected
13 associated expenditures, to be listed by month
14 for fiscal years 2021 and 2022 and
15 disaggregated by mission and country, to in-
16 clude those forces deployed to secure United
17 States embassies.

18 (D) The effect that a reduction described
19 in subsection (a) would have on military and in-
20 telligence efforts to combat each of the violent
21 extremist organizations described in paragraph
22 (2), including a statement of the current objec-
23 tives of the Secretary of Defense with respect to
24 such efforts.

1 (E) A description of any consultation or
2 coordination with the Department of State or
3 the United States Agency for International De-
4 velopment with respect to such a reduction and
5 the effect that such a reduction would have on
6 diplomatic, developmental, or humanitarian ef-
7 forts in Africa, including statements of the cur-
8 rent objectives of the Secretary of State and the
9 Administrator of the United States Agency for
10 International Development with respect to such
11 efforts.

12 (F) The strength, regenerative capacity,
13 and intent of such violent extremist organiza-
14 tions in the AFRICOM AOR, including—

15 (i) an assessment of the number of
16 fighters in the Sahel, the Horn of Africa,
17 and West Africa who are members of such
18 violent extremist organizations;

19 (ii) the threat such violent extremist
20 organizations pose to host nations and
21 United States allies and partners, and the
22 extent to which such violent extremist or-
23 ganizations pose a direct threat to the
24 United States; and

1 (iii) the likely reaction of such violent
2 extremist organizations to the withdrawal
3 of United States Armed Forces.

4 (G) The strategic risks involved with coun-
5 tering such violent extremist organizations fol-
6 lowing such a reduction.

7 (H) The operational risks involved with
8 conducting United States led or enabled oper-
9 ations in Africa against such violent extremist
10 organizations following such a reduction.

11 (I) For any region of the AFRICOM AOR
12 in which United States Armed Forces currently
13 are present or conduct activities, the effect such
14 a reduction would have on power and influence
15 of China and Russia in such region.

16 (J) Any consultation or coordination with
17 United States allies and partners concerning
18 such a reduction.

19 (K) An assessment of the response from
20 the governments and military forces of France,
21 the United Kingdom, and Canada to such a re-
22 duction.

23 (2) VIOLENT EXTREMIST ORGANIZATIONS DE-
24 SCRIBED.—The violent extremist organizations de-
25 scribed in this paragraph are adversarial groups and

1 forces in the AFRICOM AOR, as determined by the
2 Secretary of Defense.

3 (c) ADDITIONAL REPORTING REQUIREMENT.—Not
4 later than 60 days after the date of the enactment of this
5 Act, the Secretary of Defense shall submit to the appro-
6 priate congressional committees a report that includes the
7 information required by subsection (b)(1)(B).

8 (d) FORM.—The reports required by subsections (b)
9 and (c) shall be submitted in unclassified form, but may
10 contain a classified annex.

11 (e) APPROPRIATE CONGRESSIONAL COMMITTEES DE-
12 FINED.—In this section, the term “appropriate congres-
13 sional committees” means—

14 (1) the congressional defense committees (which
15 has the meaning given the term in section
16 101(a)(16) of title 10, United States Code);

17 (2) the Committee on Foreign Affairs and the
18 Permanent Select Committee on Intelligence of the
19 House of Representatives; and

20 (3) the Committee on Foreign Relations and
21 the Select Committee on Intelligence of the Senate.

1 **SEC. 1254. [LOG 71441] RULE OF CONSTRUCTION RELATING**
2 **TO USE OF MILITARY FORCE.**

3 Nothing in this Act or any amendment made by this
4 Act may be construed to authorize the use of military
5 force.



1 **SEC. 1301. [LOG 71418] FUNDING ALLOCATIONS; SPECIFICA-**
2 **TION OF COOPERATIVE THREAT REDUCTION**
3 **FUNDS.**

4 (a) FUNDING ALLOCATION.—Of the \$373,690,000
5 authorized to be appropriated to the Department of De-
6 fense for fiscal year 2021 in section 301 and made avail-
7 able by the funding table in division D for the Department
8 of Defense Cooperative Threat Reduction Program estab-
9 lished under section 1321 of the Department of Defense
10 Cooperative Threat Reduction Act (50 U.S.C. 3711), the
11 following amounts may be obligated for the purposes spec-
12 ified:

13 (1) For strategic offensive arms elimination,
14 \$2,924,000.

15 (2) For chemical weapons destruction,
16 \$12,856,000.

17 (3) For global nuclear security, \$33,919,000.

18 (4) For cooperative biological engagement,
19 \$216,200,000.

20 (5) For proliferation prevention, \$79,869,000.

21 (6) For activities designated as Other Assess-
22 ments/Administrative Costs, \$27,922,000.

23 (b) SPECIFICATION OF COOPERATIVE THREAT RE-
24 Duction FUNDS.—Funds appropriated pursuant to the
25 authorization of appropriations in section 301 and made
26 available by the funding table in division D for the Depart-

1 ment of Defense Cooperative Threat Reduction Program
2 shall be available for obligation for fiscal years 2021,
3 2022, and 2023.

1 **Subtitle A—Military Programs**

2 **SEC. 1401. [LOG 70874] WORKING CAPITAL FUNDS.**

3 Funds are hereby authorized to be appropriated for
4 fiscal year 2021 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 70875] 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 2021 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 70876] 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 2021 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 70877] DEFENSE INSPECTOR GENERAL.**

2 Funds are hereby authorized to be appropriated for
3 the Department of Defense for fiscal year 2021 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 70878] DEFENSE HEALTH PROGRAM.**

2 Funds are hereby authorized to be appropriated for
3 fiscal year 2021 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 **SEC. 1406. [LOG 71451] NATIONAL DEFENSE SEALIFT FUND.**

2 Funds are hereby authorized to be appropriated for
3 fiscal year 2021 for the National Defense Sealift Fund,
4 as specified in the funding tables in section 4501.

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

3 **SEC. 1501. [LOG 70879] PURPOSE.**

4 The purpose of this title is to authorize appropria-
5 tions for the Department of Defense for fiscal year 2021
6 to provide additional funds for overseas contingency oper-
7 ations being carried out by the Armed Forces.

1 **SEC. 1502. [LOG 70880] PROCUREMENT.**

2 Funds are hereby authorized to be appropriated for
3 fiscal year 2021 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 70881] RESEARCH, DEVELOPMENT, TEST,**
2 **AND EVALUATION.**

3 Funds are hereby authorized to be appropriated for
4 fiscal year 2021 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 70882] OPERATION AND MAINTENANCE.**

2 Funds are hereby authorized to be appropriated for
3 fiscal year 2021 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 708832] MILITARY PERSONNEL.**

2 Funds are hereby authorized to be appropriated for
3 fiscal year 2021 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, military personnel
6 accounts, as specified in the funding table in section 4402.

1 **SEC. 1506. [LOG 70884] WORKING CAPITAL FUNDS.**

2 Funds are hereby authorized to be appropriated for
3 fiscal year 2021 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 70885] 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 2021 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 70886] DEFENSE INSPECTOR GENERAL.**

2 Funds are hereby authorized to be appropriated for
3 the Department of Defense for fiscal year 2021 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 70887] DEFENSE HEALTH PROGRAM.**

2 Funds are hereby authorized to be appropriated for
3 the Department of Defense for fiscal year 2021 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 70888] 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 70889] 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 2021
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 \$2,500,000,000.

17 (b) TERMS AND CONDITIONS.—

18 (1) IN GENERAL.—Transfers under this section
19 shall be subject to the same terms and conditions as
20 transfers under section 1001.

21 (2) ADDITIONAL LIMITATION ON TRANSFERS
22 FROM THE NATIONAL GUARD AND RESERVE EQUIP-
23 MENT.—The authority provided by subsection (a)
24 may not be used to transfer any amount from Na-
25 tional Guard and Reserve Equipment.

1 (c) ADDITIONAL AUTHORITY.—The transfer author-
2 ity provided by this section is in addition to the transfer
3 authority provided under section 1001.

1 **Subtitle C—Other Matters**

2 **SEC. 1521. [LOG 71019] AFGHANISTAN SECURITY FORCES**

3 **FUND.**

4 (a) CONTINUATION OF PRIOR AUTHORITIES AND NO-
5 TICE AND REPORTING REQUIREMENTS.—Funds available
6 to the Department of Defense for the Afghanistan Secu-
7 rity Forces Fund for fiscal year 2021 shall be subject to
8 the conditions contained in—

9 (1) subsections (b) through (f) of section 1513
10 of the National Defense Authorization Act for Fiscal
11 Year 2008 (Public Law 110–181; 122 Stat. 428);
12 and

13 (2) section 1521(d)(1) of the National Defense
14 Authorization Act for Fiscal Year 2017 (Public Law
15 114–328; 130 Stat. 2577) (as amended by sub-
16 section (b)).

17 (b) EXTENSION OF PRIOR NOTICE AND REPORTING
18 REQUIREMENTS.—Section 1521(d)(1) of the National De-
19 fense Authorization Act for Fiscal Year 2017 (Public Law
20 114–328; 130 Stat. 2577) is amended by striking
21 “through January 31, 2021” and inserting “through Jan-
22 uary 31, 2023”.

23 (c) EQUIPMENT DISPOSITION.—

24 (1) ACCEPTANCE OF CERTAIN EQUIPMENT.—
25 Subject to paragraph (2), the Secretary of Defense

1 may accept equipment that is procured using
2 amounts authorized to be appropriated for the Af-
3 ghanistan Security Forces Fund by this Act and is
4 intended for transfer to the security forces of the
5 Ministry of Defense and the Ministry of the Interior
6 of the Government of Afghanistan, but is not accept-
7 ed by such security forces.

8 (2) CONDITIONS ON ACCEPTANCE OF EQUIP-
9 MENT.—Before accepting any equipment under the
10 authority provided by paragraph (1), the Com-
11 mander of United States forces in Afghanistan shall
12 make a determination that such equipment was pro-
13 cured for the purpose of meeting requirements of the
14 security forces of the Ministry of Defense and the
15 Ministry of the Interior of the Government of Af-
16 ghanistan, as agreed to by both the Government of
17 Afghanistan and the Government of the United
18 States, but is no longer required by such security
19 forces or was damaged before transfer to such secu-
20 rity forces.

21 (3) ELEMENTS OF DETERMINATION.—In mak-
22 ing a determination under paragraph (2) regarding
23 equipment, the Commander of United States forces
24 in Afghanistan shall consider alternatives to the ac-
25 ceptance of such equipment by the Secretary. An ex-

1 planation of each determination, including the basis
2 for the determination and the alternatives consid-
3 ered, shall be included in the relevant quarterly re-
4 port required under paragraph (5).

5 (4) TREATMENT AS DEPARTMENT OF DEFENSE
6 STOCKS.—Equipment accepted under the authority
7 provided by paragraph (1) may be treated as stocks
8 of the Department of Defense upon notification to
9 the congressional defense committees of such treat-
10 ment.

11 (5) QUARTERLY REPORTS ON EQUIPMENT DIS-
12 POSITION.—

13 (A) IN GENERAL.—Not later than 90 days
14 after the date of the enactment of this Act and
15 every 90-day period thereafter during which the
16 authority provided by paragraph (1) is exer-
17 cised, the Secretary shall submit to the congres-
18 sional defense committees a report describing
19 the equipment accepted during the period cov-
20 ered by such report under the following:

21 (i) This subsection.

22 (ii) Section 1521(b) of the National
23 Defense Authorization Act for Fiscal Year
24 2017 (Public Law 114–328; 130 Stat.
25 2575).

1 (iii) Section 1531(b) of the National
2 Defense Authorization Act for Fiscal Year
3 2016 (Public Law 114–92; 129 Stat.
4 1088).

5 (iv) Section 1532(b) of the Carl Levin
6 and Howard P. “Buck” McKeon National
7 Defense Authorization Act for Fiscal Year
8 2015 (Public Law 113–291; 128 Stat.
9 3613).

10 (v) Section 1531(d) of the National
11 Defense Authorization Act for Fiscal Year
12 2014 (Public Law 113–66; 127 Stat. 938;
13 10 U.S.C. 2302 note).

14 (B) ELEMENTS.—Each report under sub-
15 paragraph (A) shall include a list of all equip-
16 ment that was accepted during the period cov-
17 ered by such report and treated as stocks of the
18 Department of Defense and copies of the deter-
19 minations made under paragraph (2), as re-
20 quired by paragraph (3).

21 (d) SECURITY OF AFGHAN WOMEN.—

22 (1) IN GENERAL.—Of the funds available to the
23 Department of Defense for the Afghan Security
24 Forces Fund for fiscal year 2021, it is the goal that
25 \$29,100,000, but in no event less than \$10,000,000,

1 shall be used for the recruitment, integration, reten-
2 tion, training, and treatment of women in the Af-
3 ghan National Defense and Security Forces.

4 (2) TYPES OF PROGRAMS AND ACTIVITIES.—
5 Such programs and activities may include—

6 (A) efforts to recruit and retain women
7 into the Afghan National Defense and Security
8 Forces, including the special operations forces;

9 (B) programs and activities of the Direc-
10 torate of Human Rights and Gender Integra-
11 tion of the Ministry of Defense of Afghanistan
12 and the Office of Human Rights, Gender and
13 Child Rights of the Ministry of Interior of Af-
14 ghanistan;

15 (C) development and dissemination of gen-
16 der and human rights educational and training
17 materials and programs within the Ministry of
18 Defense and the Ministry of Interior of Afghan-
19 istan;

20 (D) efforts to address harassment and vio-
21 lence against women within the Afghan Na-
22 tional Defense and Security Forces;

23 (E) improvements to infrastructure that
24 address the requirements of women serving in
25 the Afghan National Defense and Security

1 Forces, including appropriate equipment for fe-
2 male security and police forces, and transpor-
3 tation for policewomen to their station;

4 (F) support for Afghanistan National Po-
5 lice Family Response Units;

6 (G) security provisions for high-profile fe-
7 male police and military officers;

8 (H) programs to promote conflict preven-
9 tion, management, and resolution through the
10 meaningful participation of Afghan women in
11 the Afghan National Defense and Security
12 Forces, by exposing Afghan women and girls to
13 the activities of and careers available with such
14 forces, encouraging their interest in such ca-
15 reers, or developing their interest and skills nec-
16 essary for service in such forces; and

17 (I) enhancements to Afghan National De-
18 fense and Security Forces recruitment pro-
19 grams for targeted advertising with the goal of
20 increasing the number of female recruits.

21 (e) ASSESSMENT OF AFGHANISTAN PROGRESS ON
22 OBJECTIVES.—

23 (1) ASSESSMENT REQUIRED.—Not later than
24 180 days after the date of the enactment of this Act,
25 the Secretary of Defense shall, in consultation with

1 the Secretary of State, submit to the Committee on
2 Armed Services and the Committee on Foreign Af-
3 fairs of the House of Representatives and the Com-
4 mittee on Armed Services and the Committee on
5 Foreign Relations of the Senate an assessment de-
6 scribing—

7 (A) the progress of the Government of the
8 Islamic Republic of Afghanistan toward meeting
9 shared security objectives; and

10 (B) the efforts of the Government of the
11 Islamic Republic of Afghanistan to manage, em-
12 ploy, and sustain the equipment and inventory
13 provided under subsection (a).

14 (2) MATTERS TO BE INCLUDED.—In conducting
15 the assessment required by paragraph (1), the Sec-
16 retary of Defense shall include each of the following:

17 (A) The extent to which the Government of
18 Afghanistan has a strategy for, and has taken
19 steps toward, increased accountability and the
20 reduction of corruption within the Ministry of
21 Defense and the Ministry of Interior of Afghan-
22 istan.

23 (B) The extent to which the capability and
24 capacity of the Afghan National Defense and
25 Security Forces have improved as a result of

1 Afghanistan Security Forces Fund investment,
2 including through training, and an articulation
3 of the metrics used to assess such improve-
4 ments.

5 (C) The extent to which the Afghan Na-
6 tional Defense and Security Forces have been
7 able to increase pressure on the Taliban, al-
8 Qaeda, the Haqqani network, the Islamic State
9 of Iraq and Syria-Khorasan, and other terrorist
10 organizations, including by re-taking territory,
11 defending territory, and disrupting attacks.

12 (D) The distribution practices of the Af-
13 ghan National Defense and Security Forces and
14 whether the Government of Afghanistan is en-
15 suring that supplies, equipment, and weaponry
16 supplied by the United States are appropriately
17 distributed to, and employed by, security forces
18 charged with fighting the Taliban and other
19 terrorist organizations.

20 (E) A description of—

21 (i) the policy governing the use of Ac-
22 quisition and Cross Servicing Agreements
23 (ACSA) in Afghanistan;

1 (ii) each ACSA transaction by type,
2 amount, and recipient for calendar year
3 2020; and

4 (iii) for any transactions from the
5 United States to Afghan military forces,
6 an explanation for why such transaction
7 was not carried out under the authorities
8 of the Afghanistan Security Forces Fund.

9 (F) The extent to which the Government
10 of Afghanistan has designated the appropriate
11 staff, prioritized the development of relevant
12 processes, and provided or requested the alloca-
13 tion of resources necessary to support a peace
14 and reconciliation process in Afghanistan.

15 (G) A description of the ability of the Min-
16 istry of Defense and the Ministry of Interior of
17 Afghanistan to manage and account for pre-
18 viously divested equipment, including a descrip-
19 tion of any vulnerabilities or weaknesses of the
20 internal controls of such Ministry of Defense
21 and Ministry of Interior and any plan in place
22 to address shortfalls.

23 (H) A description of any significant irreg-
24 ularities in the divestment of equipment to the
25 Afghan National Defense and Security Forces

1 during the period beginning on May 1, 2020,
2 and ending on May 1, 2021, including any
3 major losses of such equipment or any inability
4 on the part of the Afghan National Defense and
5 Security Forces to account for equipment so
6 procured.

7 (I) A description of the sustainment and
8 maintenance costs required during the 5-year
9 period beginning on the date of the enactment
10 of this Act, for major weapons platforms pre-
11 viously divested, and a description of the plan
12 for the Afghan National Defense and Security
13 Forces to maintain such platforms in the fu-
14 ture.

15 (J) The extent to which the Government of
16 Afghanistan is adhering to conditions for receiv-
17 ing assistance established in annual financial
18 commitment letters or any other bilateral agree-
19 ments with the United States.

20 (K) The extent to which the Government
21 of Afghanistan has made progress in achieving
22 security sector benchmarks as outlined by the
23 United States-Afghan Compact (commonly
24 known as the “Kabul Compact”) and a descrip-
25 tion of any other documents, plans, or agree-

1 ments used by the United States to measure se-
2 curity sector progress.

3 (L) The extent to which the Government of
4 Afghanistan or the Secretary has developed a
5 plan to integrate former Taliban fighters into
6 the Ministries of Defense or Interior.

7 (M) Such other factors as the Secretaries
8 consider appropriate.

9 (3) FORM.—The assessment required by para-
10 graph (1) shall be submitted in unclassified form,
11 but may include a classified annex.

12 (4) WITHHOLDING OF ASSISTANCE FOR INSUF-
13 FICIENT PROGRESS.—

14 (A) IN GENERAL.—If the Secretary of De-
15 fense determines, in coordination with the Sec-
16 retary of State and pursuant to the assessment
17 under paragraph (1), that the Government of
18 Afghanistan has made insufficient progress in
19 the areas described in paragraph (2), the Sec-
20 retary of Defense shall—

21 (i) withhold \$401,500,000, to be de-
22 rived from amounts made available for as-
23 sistance for the Afghan National Defense
24 and Security Forces, from expenditure or
25 obligation until the date on which the Sec-

1 retary certifies to the congressional defense
2 committees that the Government of Af-
3 ghanistan has made sufficient progress;
4 and

5 (ii) notify the congressional defense
6 committees not later than 30 days before
7 withholding such funds.

8 (B) WAIVER.—If the Secretary of Defense
9 determines that withholding such assistance
10 would impede the national security objectives of
11 the United States by prohibiting, restricting,
12 delaying, or otherwise limiting the provision of
13 assistance, the Secretary may waive the with-
14 holding requirement under subparagraph (A) if
15 the Secretary, in coordination with the Sec-
16 retary of State, certifies such determination to
17 the congressional defense committees not later
18 than 30 days before the effective date of the
19 waiver.

20 (f) ADDITIONAL REPORTING REQUIREMENTS.—The
21 Secretary of Defense shall include in the materials sub-
22 mitted in support of the budget for fiscal year 2022 that
23 is submitted by the President under section 1105(a) of
24 title 31, United States Code, each of the following:

1 (1) The amount of funding provided in fiscal
2 year 2020 through the Afghanistan Security Forces
3 Fund to the Government of Afghanistan in the form
4 of direct government-to-government assistance or on-
5 budget assistance for the purposes of supporting any
6 entity of such government, including the Afghan Na-
7 tional Defense and Security Forces, the Afghan Min-
8 istry of Interior, or the Afghan Ministry of Defense.

9 (2) The amount of funding provided and antici-
10 pated to be provided, as of the date of the submis-
11 sion of the materials, in fiscal year 2021 through
12 such Fund in such form.

13 (3) To the extent the amount described in para-
14 graph (2) exceeds the amount described in para-
15 graph (1), an explanation as to the reason why the
16 such amount is greater and the specific entities and
17 purposes that were supported by such increase.



1 **SEC. 1603.[Log 71201] NATIONAL SECURITY SPACE LAUNCH**
2 **PROGRAM.**

3 (a) PHASE TWO ACQUISITION STRATEGY.—In car-
4 rying out the phase two acquisition strategy, the Secretary
5 of the Air Force—

6 (1) may not change the mission performance re-
7 quirements;

8 (2) may not change the acquisition schedule;

9 (3) may not award phase two contracts after
10 September 30, 2024;

11 (4) shall award phase two contracts to not more
12 than two National Security Space Launch providers;

13 (5) shall ensure that launch services are pro-
14 cured only from National Security Space Launch
15 providers that meet the requirements for the phase
16 two contracts;

17 (6) not later than 180 days after the date on
18 which phase two contracts are awarded, shall termi-
19 nate launch service agreement contracts awarded
20 under such phase two acquisition strategy to each
21 National Security Space Launch provider that is not
22 a down-selected National Security Launch provider;
23 and

24 (7) may not increase the total amount of fund-
25 ing included in the initial launch service agreements

1 with down-selected National Security Launch pro-
2 viders.

3 (b) REUSABILITY.—

4 (1) CERTIFICATION.—Not later than 18 months
5 after the date on which the Secretary determines the
6 down-selected National Security Space Launch pro-
7 viders, the Secretary shall certify to the appropriate
8 congressional committees that the Secretary has
9 completed all non-recurring design validation of pre-
10 viously flown launch hardware for National Security
11 Space Launch providers offering such hardware for
12 use in phase two contracts or in future national se-
13 curity space missions.

14 (2) REPORT.—Not later than 180 days after
15 the date on which the Secretary determines the
16 down-selected National Security Space Launch pro-
17 viders, the Secretary shall submit to the appropriate
18 congressional committees a report on the progress of
19 the Secretary with respect to completing all non-re-
20 curring design validation of previously flown launch
21 hardware described in paragraph (1), including—

22 (A) a justification for any deviation from
23 the new entrant certification guide; and

24 (B) a description of such progress with re-
25 spect to National Security Space Launch pro-

1 viders that are not down-selected National Se-
2 curity Space Launch providers, if applicable.

3 (c) FUNDING FOR CERTIFICATION, INFRASTRUC-
4 TURE, AND TECHNOLOGY DEVELOPMENT.—

5 (1) AUTHORITY.—Pursuant to section 2371b of
6 title 10, United States Code, not later than Sep-
7 tember 30, 2021, the Secretary of the Air Force
8 shall enter into three agreements described in para-
9 graph (3) with National Security Space Launch pro-
10 viders—

11 (A) to maintain competition in order to
12 maximize the likelihood of at least three Na-
13 tional Security Space Launch providers com-
14 peting for phase three contracts; and

15 (B) to support innovation for national se-
16 curity launches under phase three contracts.

17 (2) COMPETITIVE PROCEDURES.—The Sec-
18 retary shall carry out paragraph (1) by conducting
19 a full and open competition among all National Se-
20 curity Space Launch providers that may submit bids
21 for a phase three contract.

22 (3) AGREEMENTS.—An agreement described in
23 this paragraph is an agreement that provides a Na-
24 tional Security Space Launch provider with not

1 more than \$150,000,000 for the provider to conduct
2 either or both of the following activities:

3 (A) Meet the certification and infrastruc-
4 ture requirements that are—

5 (i) unique to national security space
6 missions; and

7 (ii) necessary for a phase three con-
8 tract.

9 (B) Develop transformational technologies
10 in support of the national security space launch
11 capability for phase three contracts (such as
12 technologies regarding launch, maneuver, and
13 transport capabilities for enhanced resiliency
14 and security technologies, as identified in the
15 National Security Launch Architecture study of
16 the Space and Missile Systems Center of the
17 Space Force).

18 (4) REPORT.—Not later than 30 days after the
19 date on which the Secretary enters into an agree-
20 ment under paragraph (1), the Secretary shall sub-
21 mit to the appropriate congressional committees a
22 report explaining how the Secretary determined the
23 certification and infrastructure requirements and the
24 transformational technologies covered under para-
25 graph (3).

1 (d) BRIEFING.—Not later than December 31, 2020,
2 the Secretary shall provide to the congressional defense
3 committees a briefing on the progress made by the Sec-
4 retary in ensuring that full and open competition exists
5 for phase three contracts, including—

6 (1) a description of progress made to establish
7 the requirements for phase three contracts, including
8 such requirements that the Secretary determines
9 cannot be met by the commercial market;

10 (2) whether the Secretary determines that addi-
11 tional development funding will be necessary for
12 such phase;

13 (3) a description of the estimated costs for the
14 development described in subparagraphs (A) and (B)
15 of subsection (c)(3); and

16 (4) how the Secretary will—

17 (A) ensure full and open competition for
18 technology development for phase three con-
19 tracts; and

20 (B) maintain competition.

21 (e) RULE OF CONSTRUCTION.—Nothing in this sec-
22 tion may be construed to delay the award of phase two
23 contracts.

24 (f) DEFINITIONS.—In this section:

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

3 (A) the congressional defense committees;
4 and

5 (B) the Permanent Select Committee on
6 Intelligence of the House of Representatives
7 and the Select Committee on Intelligence of the
8 Senate.

9 (2) The term “down-selected National Security
10 Launch provider” means a National Security Space
11 Launch provider that the Secretary of the Air Force
12 selected to be awarded phase two contracts.

13 (3) The term “phase three contract” means a
14 contract awarded using competitive procedures for
15 launch services under the National Security Space
16 Launch program after fiscal year 2024.

17 (4) The term “phase two acquisition strategy”
18 means the process by which the Secretary of the Air
19 Force enters into phase two contracts during fiscal
20 year 2020, orders launch missions during fiscal
21 years 2020 through 2024, and carries out such
22 launches under the National Security Space Launch
23 program.

24 (5) The term “phase two contract” means a
25 contract awarded during fiscal year 2020 using com-

1 petitive procedures for launch missions ordered
2 under the National Security Space Launch program
3 during fiscal years 2020 through 2024.

1 **Subtitle B—Defense Intelligence**
2 **and Intelligence-Related Activities**
3 **SEC. 1611.[Log 71313] VALIDATION OF CAPABILITY RE-**
4 **QUIREMENTS OF NATIONAL GEOSPATIAL-IN-**
5 **TELLIGENCE AGENCY.**

6 Section 442 of title 10, United States Code, is
7 amended by adding at the end the following new sub-
8 section:

9 “(f) VALIDATION.—The National Geospatial-Intel-
10 ligence Agency shall assist the Joint Chiefs of Staff, com-
11 batant commands, and the military departments in estab-
12 lishing, coordinating, consolidating, and validating map-
13 ping, charting, geodetic data, and safety of navigation ca-
14 pability requirements through a formal process governed
15 by the Joint Staff. Consistent with validated requirements,
16 the National Geospatial-Intelligence Agency shall provide
17 aeronautical and nautical charts that are safe for naviga-
18 tion, maps, books, datasets, models, and geodetic prod-
19 ucts.”.

1 **SEC. 1612.[Log 70950] NATIONAL ACADEMIES CLIMATE SE-**
2 **CURITY ROUNDTABLE.**

3 (a) IN GENERAL.—The Under Secretary of Defense
4 for Intelligence and Security, in coordination with the Di-
5 rector of National Intelligence, shall enter into a joint
6 agreement with the Academies to create a new “National
7 Academies Climate Security Roundtable” (in this section
8 referred to as the “roundtable”).

9 (b) PARTICIPANTS.—The roundtable shall include—

10 (1) the members of the Climate Security Advi-
11 sory Council established under section 120 of the
12 National Security Act of 1947 (50 U.S.C. 3060);

13 (2) senior representatives and practitioners
14 from Federal science agencies, elements of the intel-
15 ligence community, and the Department of Defense,
16 who are not members of the Council; and

17 (3) key stakeholders in the United States sci-
18 entific enterprise, including institutions of higher
19 education, Federal research laboratories (including
20 the national security laboratories), industry, and
21 nonprofit research organizations.

22 (c) PURPOSE.—The purpose of the roundtable is—

23 (1) to support the duties and responsibilities of
24 the Climate Security Advisory Council under section
25 120(c) of the National Security Act of 1947 (50
26 U.S.C. 3060(c));

1 (2) to develop best practices for the exchange of
2 data, knowledge, and expertise among elements of
3 the intelligence community, elements of the Federal
4 Government that are not elements of the intelligence
5 community, and non-Federal researchers;

6 (3) to facilitate dialogue and collaboration
7 about relevant collection and analytic priorities
8 among participants of the roundtable with respect to
9 climate security;

10 (4) to identify relevant gaps in the exchange of
11 data, knowledge, or expertise among participants of
12 the roundtable with respect to climate security, and
13 consider viable solutions to address such gaps; and

14 (5) to provide any other assistance, resources,
15 or capabilities that the Director of National Intel-
16 ligence or the Under Secretary determines necessary
17 with respect to the Council carrying out the duties
18 and responsibilities of the Council under such sec-
19 tion 120(c).

20 (d) MEETINGS.—The roundtable shall meet at least
21 quarterly, in coordination with the meetings of the Climate
22 Security Advisory Council under section 120(c)(1) of the
23 National Security Act of 1947 (50 U.S.C. 3060(c)(1)).

24 (e) REPORTS AND BRIEFINGS.—The joint agreement
25 under subsection (a) shall specify that—

1 (1) the roundtable shall organize workshops, on
2 at least a biannual basis, that include both partici-
3 pants of the roundtable and persons who are not
4 participants, and may be conducted in classified or
5 unclassified form in accordance with subsection (f);

6 (2) on a regular basis, the roundtable shall
7 produce classified and unclassified reports on the
8 topics described in subsection (c) and the activities
9 of the roundtable, and other documents in support
10 of the duties and responsibilities of the Climate Se-
11 curity Advisory Council under section 120(c) of the
12 National Security Act of 1947 (50 U.S.C. 3060(c));

13 (3) the Academies shall provide recommenda-
14 tions by consensus to the Council on both the topics
15 described in subsection (c) and specific topics as
16 identified by participants of the roundtable;

17 (4) not later than March 1, 2021, and annually
18 thereafter during the life of the roundtable, the
19 Academies shall provide a briefing to the appropriate
20 congressional committees on the progress and activi-
21 ties of the roundtable; and

22 (5) not later than September 30, 2025, the
23 Academies shall submit a final report to the appro-
24 priate congressional committees on the activities of
25 the roundtable.

1 (f) SECURITY CLEARANCES.—Each participant of the
2 roundtable shall have a security clearance at the appro-
3 priate level to carry out the duties of the participant under
4 this section. A person who is not a participant who attends
5 a workshop under subsection (e)(1) is not required to have
6 a security clearance, and the roundtable shall ensure that
7 any such workshop is held at the appropriate classified
8 or unclassified level.

9 (g) TERMINATION.—The roundtable shall terminate
10 on September 30, 2025.

11 (h) DEFINITIONS.—In this section:

12 (1) The term “Academies” means the National
13 Academies of Sciences, Engineering, and Medicine.

14 (2) The term “appropriate congressional com-
15 mittees” means—

16 (A) the Committee on Science, Space, and
17 Technology, the Committee on Armed Services,
18 the Committee on Foreign Affairs, and the Per-
19 manent Select Committee on Intelligence of the
20 House of Representatives; and

21 (B) the Committee on Commerce, Science,
22 and Transportation, the Committee on Armed
23 Services, the Committee on Foreign Relations,
24 and the Select Committee on Intelligence of the
25 Senate.

1 (3) The term “Federal science agency” means
2 any agency or department of the Federal Govern-
3 ment with at least \$100,000,000 in basic and ap-
4 plied research obligations in fiscal year 2019.

5 (4) The term “intelligence community” has the
6 meaning given that term in section 3 of the National
7 Security Act of 1947 (50 U.S.C. 3003).

8 (5) The term “national security laboratory” has
9 the meaning given the term in section 4002 of the
10 Atomic Energy Defense Act (50 U.S.C. 2501).

1 **SEC. 1622.[Log 71469] CYBERSPACE SOLARIUM COMMIS-**
2 **SION.**

3 Section 1652 of the John S. McCain National De-
4 fense Authorization Act for Fiscal Year 2019 (Public Law
5 115–232), is amended—

6 (1) in subsection (b)(1)—

7 (A) in subparagraph (A), by—

8 (i) striking clauses (i) through (iv);

9 and

10 (ii) redesignating clauses (v) through

11 (viii) as clauses (i) through (iv), respec-

12 tively; and

13 (B) in subparagraph (B)(i), by striking

14 “and who are appointed under clauses (iv)

15 through (vii) of subparagraph (A)”;

16 (2) in subsection (d)(2), by striking “Seven”

17 and inserting “Six”;

18 (3) in subsection (h), by—

19 (A) striking “(1) IN GENERAL.—(A)”;

20 (B) striking paragraph (2);

21 (4) in subsection (i)(1)(B), by striking “officers

22 or employees of the United States or”; and

23 (5) in subsection (k)(2)—

24 (A) in subparagraph (A), by striking “at

25 the end of the 120-day period beginning on”

26 and inserting “two years after”;

1 (B) in subparagraph (B), by—

2 (i) striking “may use the 120-day”
3 and inserting “shall use the two year”;

4 (ii) striking “for the purposes of con-
5 cluding its activities, including providing
6 testimony to Congress concerning the final
7 report referred to in that paragraph and
8 disseminating the report” and inserting
9 the following: “for the purposes of—”:

10 “(i) collecting and assessing com-
11 ments and feedback from the Executive
12 Branch, academia, and the public on the
13 analysis and recommendations contained in
14 the Commission’s report;

15 “(ii) collecting and assessing any de-
16 velopments in cybersecurity that may af-
17 fect the analysis and recommendations
18 contained in the Commission’s report;

19 “(iii) reviewing the implementation of
20 the recommendations contained in the
21 Commission’s report;

22 “(iv) revising, amending, or making
23 new recommendations based on the assess-
24 ments and reviews required under clauses
25 (i)–(iii);

1 “(v) providing an annual update to
2 the congressional defense committees, the
3 congressional intelligence committees, the
4 Committee on Homeland Security of the
5 House of Representatives, the Committee
6 on Homeland Security and Governmental
7 Affairs of the Senate, the Director of Na-
8 tional Intelligence, the Secretary of De-
9 fense, and the Secretary of Homeland Se-
10 curity in a manner and format determined
11 by the Commission regarding any such re-
12 visions, amendments, or new recommenda-
13 tions; and

14 “(vi) concluding its activities, includ-
15 ing providing testimony to Congress con-
16 cerning the final report referred to in that
17 paragraph and disseminating the report.”;
18 and

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

21 “(C) If the Commission is extended, and the ef-
22 fective date of such extension is after the date on
23 which the Commission terminated, the Commission
24 shall be deemed reconstituted with the same mem-

1 bers and powers that existed on the day before such
2 termination date, except that—

3 “(i) a member of the Commission may
4 serve only if the member’s position continues to
5 be authorized under subsection (b);

6 “(ii) no compensation or entitlements re-
7 lating to a person’s status with the Commission
8 shall be due for the period between the termi-
9 nation and reconstitution of the Commission;

10 “(iii) nothing in this subparagraph may be
11 construed as requiring the extension or reem-
12 ployment of any staff member or contractor
13 working for the Commission;

14 “(iv) the staff of the Commission shall
15 be—

16 “(I) selected by the co-chairs of the
17 Commission in accordance with subsection
18 (h)(1);

19 “(II) comprised of not more than four
20 individuals, including a staff director; and

21 “(III) resourced in accordance with
22 subsection (g)(4)(A);

23 “(v) with the approval of the co-chairs,
24 may be provided by contract with a nongovern-
25 mental organization;

1 “(vi) any unexpended funds made available
2 for the use of the Commission shall continue to
3 be available for use for the life of the Commis-
4 sion, as well as any additional funds appro-
5 priated to the Department of Defense that are
6 made available to the Commission, provided
7 that the total such funds does not exceed
8 \$1,000,000 from the reconstitution of the Com-
9 mission to the completion of the Commission;
10 and

11 “(vii) the requirement for an assessment of
12 the final report in subsection (l) shall be up-
13 dated to require annually for a period of two
14 years further assessments of the Federal Gov-
15 ernment’s responses to the Commission’s rec-
16 ommendations contained in such final report.”.

1 **SEC. 1624.[Log 70932] RESPONSIBILITY FOR THE SECTOR**
2 **RISK MANAGEMENT AGENCY FUNCTION OF**
3 **THE DEPARTMENT OF DEFENSE.**

4 (a) DEFINITIONS.—

5 (1) IN GENERAL.—In this section:

6 (A) CRITICAL INFRASTRUCTURE.—The
7 term “critical infrastructure” has the meaning
8 given such term in section 1016(e) of the Unit-
9 ing and Strengthening America by Providing
10 Appropriate Tools Required to Intercept and
11 Obstruct Terrorism (USA PATRIOT ACT) Act
12 of 2001 (42 U.S.C. 5195c(e)).

13 (B) SECTOR RISK MANAGEMENT AGEN-
14 CY.—The term “Sector Risk Management
15 Agency” means a Federal department or agen-
16 cy designated as a Sector Specific Agency under
17 Presidential Policy Directive-21 to be respon-
18 sible for providing institutional knowledge and
19 specialized expertise to, as well as leading, fa-
20 cilitating, or supporting, the security and resil-
21 ience programs and associated activities of its
22 designated critical infrastructure sector in the
23 all-hazards environment.

24 (2) REFERENCE.—Any reference to a Sector-
25 Specific Agency in any law, regulation, map, docu-
26 ment, record, or other paper of the United States

1 shall be deemed to be a reference to the Sector Risk
2 Management Agency of the Federal Government for
3 the relevant critical infrastructure sector.

4 (b) DESIGNATION.—The Secretary of Defense shall
5 designate the Principal Cyber Advisor of the Department
6 of Defense as the lead official, and the Office of the Prin-
7 cipal Cyber Advisor as the lead component, for the De-
8 partment’s role and functions as the Sector Risk Manage-
9 ment Agency for the Defense Industrial Base.

10 (c) RESPONSIBILITIES.—As the lead official for the
11 Department of Defense’s Sector Risk Management Agency
12 functions, the Principal Cyber Advisor of the Department
13 shall be responsible for all activities performed by the De-
14 partment in its support of the Defense Industrial Base,
15 as one of the critical infrastructure sectors of the United
16 States. Such activities shall include the following:

17 (1) Synchronization, harmonization, de-conflic-
18 tion, and management for the execution of all De-
19 partment programs, initiatives, efforts, and commu-
20 nication related to the Department’s Sector Risk
21 Management Agency function, including any Depart-
22 ment program, initiative, or effort that addresses the
23 cybersecurity of the Defense Industrial Base.

24 (2) Leadership and management of the Defense
25 Industrial Base Government Coordinating Council.

1 (3) Direct interface and sponsorship of the De-
2 fense Industrial Base Sector Coordinating Council.

3 (4) Organization of quarterly in-person meet-
4 ings of both the Defense Industrial Base Govern-
5 ment Coordinating Council and the Defense Indus-
6 trial Base Sector Coordinating Council.

7 (d) ADDITIONAL FUNCTIONS.—In carrying out this
8 section, the Principal Cyber Advisor of the Department
9 of Defense shall—

10 (1) coordinate with relevant Federal depart-
11 ments and agencies, and collaborate with critical in-
12 frastructure owners and operators, where appro-
13 priate with independent regulatory agencies, and
14 with State, local, territorial, and Tribal entities, as
15 appropriate;

16 (2) serve as a day-to-day Federal interface for
17 the dynamic prioritization and coordination of sec-
18 tor-specific activities;

19 (3) carry out incident management responsibil-
20 ities;

21 (4) provide, support, or facilitate technical as-
22 sistance and consultations for the Defense Industrial
23 Base to identify cyber or physical vulnerabilities and
24 help mitigate incidents, as appropriate; and

1 (5) support the statutorily required reporting
2 requirements of such relevant Federal departments
3 and agencies by providing to such departments and
4 agencies on an annual basis sector-specific critical
5 infrastructure information.

Subtitle D—Nuclear Forces

**SEC. 1641.[Log 71204] COORDINATION IN TRANSFER OF
FUNDS BY DEPARTMENT OF DEFENSE TO NA-
TIONAL NUCLEAR SECURITY ADMINISTRA-
TION.**

(a) IN GENERAL.—Section 179(f)(3) of title 10, United States Code, is amended by adding at the end the following new subparagraph:

“(D) The Secretary of Defense and the Secretary of Energy shall ensure that a transfer of estimated nuclear budget request authority is carried out in a manner that provides for coordination between the Secretary of Defense and the Administrator for Nuclear Security using appropriate interagency processes during the process in which the Secretaries develop the budget materials of the Department of Defense and the National Nuclear Security Administration, including by beginning such coordination by not later than June 30 for such budget materials that will be submitted during the following year.”.

(b) REPORTS.—Subparagraph (B) of such section is amended by adding at the end the following new clause:

“(iv) A description of the total amount of the proposed estimated nuclear budget request authority to be transferred by the Secretary of Defense to the Secretary of Energy to support the weapons activi-

1 ties of the National Nuclear Security Administra-
2 tion, including—

3 “(A) identification of any trade-offs made
4 within the budget of the Department of Defense
5 as part of such proposed transfer; and

6 “(B) a certification made jointly by the
7 Secretaries that such proposed transfer was de-
8 veloped in a manner that allowed for the coordi-
9 nation described in subparagraph (D).”.

1 **SEC. 1702 [Log 71025]. FFRDC STUDY OF EXPLOSIVE ORD-**
2 **NANCE DISPOSAL AGENCIES.**

3 (a) IN GENERAL.—The Secretary of Defense shall
4 enter into an agreement with a federally funded research
5 and development corporation under which such corpora-
6 tion shall conduct a study of the responsibilities, authori-
7 ties, policies, programs, resources, organization, and ac-
8 tivities of the explosive ordnance disposal agencies of the
9 Department of Defense, Defense Agencies, and military
10 departments.

11 (b) ELEMENTS OF STUDY.—The study conducted
12 under subsection (a) shall include, for the Department of
13 Defense, each Defense Agency, and each the military de-
14 partments, each of the following:

15 (1) An identification and evaluation of—

16 (A) technology research, development, and
17 acquisition activities related to explosive ord-
18 nance disposal, including an identification and
19 evaluation of—

20 (i) current and future technology and
21 related industrial base gaps; and

22 (ii) any technical or operational risks
23 associated with such technology or related
24 industrial base gaps;

25 (B) recruiting, training, education, assign-
26 ment, promotion, and retention of military and

1 civilian personnel with responsibilities relating
2 to explosive ordnance disposal;

3 (C) administrative and operational force
4 structure with respect to explosive ordnance dis-
5 posal, including an identification and assess-
6 ment of risk associated with force structure ca-
7 pacity or capability gaps, if any; and

8 (D) the demand for, and activities con-
9 ducted in support of, domestic and international
10 military explosive ordnance disposal operations,
11 including—

12 (i) support provided to Department of
13 Defense agencies and other Federal agen-
14 cies; and

15 (ii) an identification and assessment
16 of risk associated with the prioritization
17 and availability of explosive ordnance dis-
18 posal support among supported agencies
19 and operations.

20 (2) Recommendations, if any, for changes to—

21 (A) the organization and distribution of re-
22 sponsibilities and authorities relating to explo-
23 sive ordnance disposal;

24 (B) the explosive ordnance disposal force
25 structure, management, prioritization, and op-

1 erating concepts in support of the explosive ord-
2 nance disposal requirements of the Armed
3 Forces and other Federal agencies; and

4 (C) resource investment strategies and
5 technology prioritization for explosive ordnance
6 disposal, including science and technology,
7 prototyping, experimentation, test and evalua-
8 tion, and related five-year funding profiles.

9 (c) REPORT TO CONGRESS.—

10 (1) IN GENERAL.—Not later than August 31,
11 2021, the Secretary of Defense shall submit to the
12 congressional defense committees a report on the
13 study conducted under subsection (a). Such report
14 shall include the comments on the study, if any, of
15 the Secretary of Defense, the directors of each of the
16 Defense Agencies, and the Secretaries of each of the
17 military departments.

18 (2) FORM OF REPORT.—The report submitted
19 under paragraph (1) shall be submitted in unclassi-
20 fied form, but may contain a classified annex.

1 **Subtitle B—Other Matters**

2 **SEC. 1721 [Log 71475]. 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) Section 127e(g) is amended by striking
7 “Low-Intensity” and inserting “Low Intensity”.

8 (2) Section 142 is amended—

9 (A) by striking subsection (d); and

10 (B) by redesigning the second subsection

11 (c) as subsection (d).

12 (3) Section 192(c) is amended by striking the
13 first paragraph (1).

14 (4) Section 231 is amended—

15 (A) in subsection (a)(1), by striking “and”
16 after the colon;

17 (B) by striking “quadrennial defense re-
18 view” each place it appears and inserting “na-
19 tional defense strategy”; and

20 (C) in subsection (f)(3), by striking “sec-
21 tion 118” and inserting “section 113(g)”.

22 (5) Section 1073c(a) is amended by redesignig-
23 nating the second paragraph (6) as paragraph (7).

1 (6) Section 1044e is amended by striking “sub-
2 section (h)” each place it appears and inserting
3 “subsection (i)”.

4 (7) The table of sections at the beginning of
5 chapter 58 is amended by striking the item relating
6 to section 1142 and inserting the following:

“1142. Preseparation counseling; transmittal of certain records to Department
of Veterans Affairs.”.

7 (8) Section 1564(c)(2) is amended in the mat-
8 ter preceding subparagraph (A) by striking “in” and
9 inserting “is”.

10 (9) The table of sections at the beginning of
11 chapter 113 is amended by striking “Sec.” each
12 place it appears, except for the first “Sec.” pre-
13 ceding the item relating to section 2200g.

14 (10) The table of sections at the beginning of
15 chapter 135 is amended by striking the item relating
16 to section 2279c.

17 (11) The table of sections at the beginning of
18 chapter 142 is amended by striking the item relating
19 to section 2417 and inserting the following:

“2417. Administrative and other costs.”.

20 (12) The table of sections at the beginning of
21 chapter 152 is amended by striking the item relating
22 to section 2568a and inserting the following:

“2568a. Damaged personal protective equipment: award to members separating
from the Armed Forces and veterans.”.

1 (13) Section 2417(2) is amended by striking
2 “entities -” and inserting “entities—”.

3 (14) Section 2641b(a)(3)(B) is amended by
4 striking “subsection (c)(5)” and inserting “sub-
5 section (c)(6)”.

6 (15) Section 2804(b) is amended in the third
7 sentence by striking “; and”.

8 (16) Section 2890(e)(2) is amended by insert-
9 ing “a” before “landlord” in the matter preceding
10 subparagraph (A).

11 (17) Section 2891(e)(1) is amended—

12 (A) by inserting “unit” after “housing”
13 the third place it appears; and

14 (B) in subparagraph (B), by inserting
15 “the” before “tenant”.

16 (18) Section 2891a is amended—

17 (A) in subsection (b), by adding a period
18 at the end of paragraph (2); and

19 (B) in subsection (e)(2)(B), by striking
20 “the” before “any basic”.

21 (19) Section 2894(c)(3) is amended by insert-
22 ing “, the office” after “installation housing man-
23 agement office”.

24 (b) TITLE 38, UNITED STATES CODE.—Section
25 1967(a)(3)(D) of title 38, United States Code, is amended

1 in the matter preceding clause (i) by inserting a comma
2 after “theater of operations”.

3 (c) NDAA FOR FISCAL YEAR 2019.—Effective as of
4 August 13, 2018, and as if included therein as enacted,
5 the John S. McCain National Defense Authorization Act
6 for Fiscal Year 2019 (Public Law 115–232) is amended
7 as follows:

8 (1) Section 226(b)(3)(C) (132 Stat. 1686) is
9 amended by striking “commercial-off the-shelf” and
10 inserting “commercially available off-the-shelf items
11 (as defined in section 104 of title 41, United States
12 Code) that may serve as”.

13 (2) Section 809(b)(3) (132 Stat. 1840) is
14 amended by striking “Section 598(d)(4) of the Na-
15 tional Defense Authorization Act of for Fiscal Year
16 2010 (Public Law 111–84; 10 U.S.C. 1561 note)”
17 and inserting “Section 563(d)(4) of the Duncan
18 Hunter National Defense Authorization Act for Fis-
19 cal Year 2009 (Public Law 110–417; 10 U.S.C.
20 1561 note)”.

21 (3) Section 836(a)(2)(B) (132 Stat. 1860) is
22 amended by inserting “of such title” after “Section
23 104(1)(A)”.

1 (4) Section 836(c)(8) is amended by striking
2 subparagraphs (A) and (B) and inserting the fol-
3 lowing new subparagraphs:

4 “(A) by striking ‘commercial items’ and in-
5 serting ‘commercial products’; and

6 “(B) by striking ‘the item’ both places it
7 appears and inserting ‘commercial product’.”.

8 (5) Section 889(f) (132 Stat. 1918) is amended
9 by striking “appropriate congressional committees’ ”
10 and inserting “appropriate congressional commit-
11 tees”.

12 (6) Section 1286(e)(2)(D) (10 U.S.C. 2358
13 note; 132 Stat. 2080) is amended by striking “im-
14 prove” and inserting “improved”.

15 (7) Section 1757(a) (50 U.S.C. 4816; 132 Stat.
16 2218) is amended by inserting “to persons” before
17 “who are potential”.

18 (8) Section 1759(a)(2) (50 U.S.C. 4818; 132
19 Stat. 2223) is amended by striking the semicolon at
20 the end and inserting a period.

21 (9) Section 1763(c) (50 U.S.C. 4822; 132 Stat.
22 2231) is amended by striking “December 5, 1991”
23 and inserting “December 5, 1995”.

1 (10) Section 1773(b)(1) (50 U.S.C. 4842; 132
2 Stat. 2235) is amended by striking “section
3 1752(1)(D)” and inserting “section 1752(2)(D)”.

4 (11) Section 1774(a) (50 U.S.C. 4843; 132
5 Stat. 2237) is amended in the matter preceding
6 paragraph (1) by inserting “under” before “section
7 1773”.

8 (12) Section 2827(b)(1) (132 Stat. 2270) is
9 amended by inserting “in the matter preceding the
10 paragraphs” after “amended”.

11 (d) NDAA FOR FISCAL YEAR 2016.—Effective as of
12 December 23, 2016, and as if included therein as enacted,
13 section 856(a)(1) the National Defense Authorization Act
14 for Fiscal Year 2016 (Public Law 114–92; 10 U.S.C.
15 2377 note) is amended by inserting “United States Code,”
16 after “title 41,”.

17 (e) COORDINATION WITH OTHER AMENDMENTS
18 MADE BY THIS ACT.—For purposes of applying amend-
19 ments made by provisions of this Act other than this sec-
20 tion, the amendments made by this section shall be treated
21 as having been enacted immediately before any such
22 amendments by other provisions of this Act.

1 **SEC. 1722 [Log 71036]. QUARTERLY BRIEFINGS ON JOINT**
2 **ALL DOMAIN COMMAND AND CONTROL CON-**
3 **CEPT.**

4 (a) IN GENERAL.—During the period beginning on
5 October 1, 2020, and ending on October 1, 2022, the Di-
6 rector of the Joint All Domain Command and Control (in
7 this section referred to as “JADC2”) Cross Functional
8 Team (in this section referred to as “CFT”), in consulta-
9 tion with the Vice Chairman of the Joint Chiefs of Staff
10 and Chief Information Officer of the Department of De-
11 fense, shall provide to the Committee on Armed Services
12 of the House of Representatives quarterly briefings on the
13 progress of the Department’s Joint All Domain Command
14 and Control concept.

15 (b) ELEMENTS.—Each briefing under subsection (a)
16 shall include, with respect to the JADC2 concept, the fol-
17 lowing elements:

18 (1) The status of the joint concept of command
19 and control.

20 (2) How the JADC2 CFT is identifying gaps
21 and addressing validated requirements based on the
22 joint concept of command and control.

23 (3) Progress in developing specific plans to
24 evaluate and implement materiel and non-materiel
25 improvements to command and control capabilities.

1 (4) Clarification on distribution of responsibil-
2 ities and authorities within the CFT and the Office
3 of the Secretary of Defense with respect to JADC2,
4 and how the CFT and the Office of the Secretary
5 of Defense are synchronizing and aligning with joint
6 and military concepts, solutions, experimentation,
7 and exercises.

8 (5) The status of and review of any rec-
9 ommendations for resource allocation necessary to
10 achieve operational JADC2.

11 (6) A sufficiency assessment of planned funding
12 across the future years defense program for the de-
13 velopment of JADC2 capabilities.

1 **Subtitle A—Military Construction**
2 **Program Changes**

3 **SEC. 2801 [Log71081]. MODIFICATION AND CLARIFICATION**
4 **OF CONSTRUCTION AUTHORITY IN THE**
5 **EVENT OF A DECLARATION OF WAR OR NA-**
6 **TIONAL EMERGENCY.**

7 (a) LIMITATION ON AMOUNT OF FUNDS AVAILABLE
8 FOR NATIONAL EMERGENCY.—Section 2808 of title 10,
9 United States Code, is amended—

10 (1) by redesignating subsections (b) and (c) as
11 subsections (e) and (f), respectively; and

12 (2) by inserting after subsection (a) the fol-
13 lowing new subsection:

14 “(c) LIMITATION ON AMOUNT OF FUNDS AVAILABLE
15 FOR NATIONAL EMERGENCY.—(1) Except as provided in
16 paragraph (2), in the event of a declaration by the Presi-
17 dent of a national emergency in which the construction
18 authority described in subsection (a) is used, the total cost
19 of all military construction projects undertaken using that
20 authority during the national emergency may not exceed
21 \$500,000,000.

22 “(2) In the event of a national emergency declaration
23 in which the construction authority described in subsection
24 (a) will be used only within the United States, the total
25 cost of all military construction projects undertaken using

1 that authority during the national emergency may not ex-
2 ceed \$100,000,000.”.

3 (b) ADDITIONAL CONDITIONS ON SOURCE OF
4 FUNDS.—Section 2808(a) of title 10, United States Code,
5 is amended by striking the second sentence and inserting
6 the following new subsection:

7 “(b) CONDITIONS ON SOURCES OF FUNDS.—A mili-
8 tary construction project to be undertaken using the con-
9 struction authority described in subsection (a) may be un-
10 dertaken only within the total amount of funds that have
11 been appropriated for military construction, including
12 funds appropriated for family housing, that—

13 “(1) remain unobligated as of the date on
14 which the first contract would be entered into in
15 connection with that military construction project
16 undertaken using such authority; and

17 “(2) are available because the military construc-
18 tion project for which the funds were appropriated—

19 “(A) has been canceled; or

20 “(B) has reduced costs as a result of
21 project modifications or other cost savings.”.

22 (c) WAIVER OF OTHER PROVISIONS OF LAW.—Sec-
23 tion 2808 of title 10, United States Code, is amended by
24 inserting after subsection (c), as added by subsection (a),
25 the following new subsection:

1 “(d) WAIVER OF OTHER PROVISIONS OF LAW IN
2 EVENT OF NATIONAL EMERGENCY.—In the event of a
3 declaration by the President of a national emergency in
4 which the construction authority described in subsection
5 (a) is used, the authority provided by such subsection to
6 waive or disregard another provision of law that would
7 otherwise apply to a military construction project author-
8 ized by this section may be used only if—

9 “(1) such other provision of law does not pro-
10 vide a means by which compliance with the require-
11 ments of the law may be waived, modified, or expe-
12 dited; and

13 “(2) the Secretary of Defense determines that
14 the nature of the national emergency necessitates
15 the noncompliance with the requirements of the
16 law.”.

17 (d) ADDITIONAL NOTIFICATION REQUIREMENTS.—
18 Subsection (e) of section 2808 of title 10, United States
19 Code, as redesignated by subsection (a)(1), is amended—

20 (1) by striking “of the decision” and all that
21 follows through the end of the subsection and insert-
22 ing the following: “of the following:

23 “(A) The reasons for the decision to use the
24 construction authority described in subsection (a),
25 including, in the event of a declaration by the Presi-

1 dent of a national emergency, the reasons why use
2 of the armed forces is required in response to the
3 declared national emergency.

4 “(B) The construction projects to be under-
5 taken using the construction authority described in
6 subsection (a), including, in the event of a declara-
7 tion by the President of a national emergency, an
8 explanation of how each construction project directly
9 supports the immediate security, logistical, or short-
10 term housing and ancillary supporting facility needs
11 of the members of the armed forces used in the na-
12 tional emergency.

13 “(C) The estimated cost of the construction
14 projects to be undertaken using the construction au-
15 thority described in subsection (a), including the
16 cost of any real estate action pertaining to the con-
17 struction projects, and certification of compliance
18 with the funding conditions imposed by subsections
19 (b) and (c).

20 “(D) Any determination made pursuant to sub-
21 section (d)(2) to waive or disregard another provi-
22 sion of law to undertake any construction project
23 using the construction authority described in sub-
24 section (a).

1 “(E) The military construction projects, includ-
2 ing any military family housing and ancillary sup-
3 porting facility projects, whose cancellation, modi-
4 fication, or other cost savings result in funds being
5 available to undertake construction projects using
6 the construction authority described in subsection
7 (a) and the possible impact of the cancellation or
8 modification of such military construction projects
9 on military readiness and the quality of life of mem-
10 bers of the armed forces and their dependents.”; and

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

13 “(2) In the event of a declaration by the President
14 of a national emergency in which the construction author-
15 ity described in subsection (a) is used, a construction
16 project to be undertaken using such construction authority
17 may be carried out only after the end of the five-day pe-
18 riod beginning on the date the notification required by
19 paragraph (1) is received by the appropriate committees
20 of Congress.”.

21 (e) CLERICAL AMENDMENTS.—Section 2808 of title
22 10, United States Code, is further amended—

23 (1) in subsection (a), by inserting “CONSTRUC-
24 TION AUTHORIZED.—” after “(a)”;

1 (2) in subsection (e), as redesignated by sub-
2 section (a)(1), by inserting “NOTIFICATION RE-
3 QUIREMENT.—(1)” after “(e)”; and

4 (3) in subsection (f), as redesignated by sub-
5 section (a)(1), by inserting “TERMINATION OF AU-
6 THORITY.—” after “(f)”.

7 (f) EXCEPTION FOR PANDEMIC MITIGATION AND RE-
8 SPONSE PROJECTS.—Subsections (b), (c), (d) of section
9 2808 of title 10, United States Code, as added by this
10 section, shall not apply to a military construction project
11 commenced under the authority of subsection (a) of such
12 section 2808 during the emergency period described in
13 section 1135(g)(1)(B) of the Social Security Act (42
14 U.S.C. 1320b–5(g)(1)(B)) if the Secretary of Defense de-
15 termines that the military construction project will directly
16 support pandemic mitigation and response efforts of
17 health care providers or support members of the Armed
18 Forces directly participating in such pandemic mitigation
19 and response efforts. Subsection (e) of section 2808 of
20 title 10, United States Code, as redesignated by subsection
21 (a)(1) and amended by subsection (d) of this section, shall
22 still apply to any such military construction project.

1 **Subtitle E—Military Land**
2 **Withdrawals**

3 **SEC. 2841 [Log70851]. RENEWAL OF LAND WITHDRAWAL AND**
4 **RESERVATION TO BENEFIT NAVAL AIR FACIL-**
5 **ITY, EL CENTRO, CALIFORNIA.**

6 Section 2925 of the El Centro Naval Air Facility
7 Ranges Withdrawal Act (subtitle B of title XXIX of Public
8 Law 104–201; 110 Stat. 2816) is amended by striking
9 “25 years after the date of the enactment of this subtitle”
10 and inserting “on November 6, 2046”.

1 **SEC. 2842 [Log 70809]. RENEWAL OF FALLON RANGE TRAIN-**
2 **ING COMPLEX LAND WITHDRAWAL AND RES-**
3 **ERVATION.**

4 Notwithstanding section 3015 of the Military Lands
5 Withdrawal Act of 1999 (title XXX of Public Law 106–
6 65; 113 Stat. 892), the withdrawal and reservation of
7 lands (known as the Fallon Range Training Complex)
8 made by section 3011(a) of such Act (113 Stat. 885) shall
9 terminate on November 6, 2046.

1 **SEC. 2843 [Log 70808]. RENEWAL OF NEVADA TEST AND**
2 **TRAINING RANGE LAND WITHDRAWAL AND**
3 **RESERVATION.**

4 Notwithstanding section 3015 of the Military Lands
5 Withdrawal Act of 1999 (title XXX of Public Law 106–
6 65; 113 Stat. 892), the withdrawal and reservation of
7 lands (known as the Nevada Test and Training Range)
8 made by section 3011(b) of such Act (113 Stat. 886) shall
9 terminate on November 6, 2046.

1 **SEC. 2844 [Log71047]. SPECIFIED DURATION OF WHITE**
2 **SANDS MISSILE RANGE LAND WITHDRAWAL**
3 **AND RESERVATION AND RESERVATION OF**
4 **AIRSPACE FOR NORTHERN AND WESTERN**
5 **EXTENSION AREAS.**

6 (a) DURATION OF LAND WITHDRAWAL AND RES-
7 ERVATION.—The withdrawal and reservation of lands
8 (known as the White Sands Missile Range) made by sec-
9 tion 2951 of the Military Land Withdrawals Act of 2013
10 (title XXIX of Public Law 113–66; 127 Stat. 1039), and
11 the special airspace reservation made by this section, shall
12 terminate on October 1, 2046.

13 (b) AIRSPACE RESERVATION AREA.—

14 (1) RESERVATION.—The airspace of the air-
15 space reservation area, excluding the portion of the
16 airspace reservation area under the administrative
17 jurisdiction of the Secretary of the Army, is reserved
18 for use by the Secretary of the Army for military
19 purposes consisting of overflight research, develop-
20 ment, test, and evaluation and training.

21 (2) ARMY LANDS.—The portion of the airspace
22 reservation area under the administrative jurisdic-
23 tion of the Secretary of the Army is reserved for use
24 by the Secretary of the Army for military purposes
25 as determined by the Secretary of the Army.

1 (c) DESCRIPTION OF AIRSPACE.—For purposes of
2 applying the reservation made by subsection (b), the air-
3 space of the airspace reservation area is deemed to begin
4 50 feet above the surface estate of the lands included in
5 the airspace reservation area.

6 (d) EXCEPTION FROM HEIGHT RESTRICTIONS.—The
7 Secretary of the Army may permit, on a case-by-case
8 basis, the erection into the airspace of the airspace res-
9 ervation area of a structure that extends higher than 50
10 feet in height above the surface estate.

11 (e) MAPS AND LEGAL DESCRIPTIONS.—Section 3012
12 of the Military Land Withdrawals Act of 2013 (title XXIX
13 of Public Law 113–66; 127 Stat. 1026) shall apply with
14 respect to the maps referred to in subsection (a) and the
15 preparation of legal descriptions of the airspace reserva-
16 tion area, except that the reference to the date of the en-
17 actment of that Act shall be deemed to refer to the date
18 of the enactment of this Act.

19 (f) RULE OF CONSTRUCTION REGARDING EXISTING
20 AGREEMENTS.—The reservation of the airspace reserva-
21 tion area made by subsection (b) shall not be construed
22 to alter the terms, operation, or duration of any agreement
23 entered into before the date of the enactment of this Act
24 by the Secretary of the Army or the Secretary of the Inte-
25 rior involving any portion of the lands included in the air-

1 space reservation area, and the Secretaries shall continue
2 to comply with the terms of any such agreement.

3 (g) AIRSPACE RESERVATION AREA DEFINED.—In
4 this section, the term “airspace reservation area” means
5 the approximately 341,415 acres of public land (including
6 interests in land) in Socorro and Torrance Counties, New
7 Mexico, and the approximately 352,115 acres of public
8 land (including interests in land) in Sierra, Socorro, and
9 Doña Ana Counties, New Mexico, depicted as Northern
10 Call-Up Area and Western Call-Up Area, respectively, on
11 the maps entitled “WSMR Northern Call-Up Area” and
12 “WSMR Western Call-Up Area”, both dated August 16,
13 2016. These lands include approximately 10,775 acres
14 under the administrative jurisdiction of the Secretary of
15 the Army.

1 **Subtitle A—National Security**
2 **Programs and Authorizations**

3 **SEC. 3101.[Log 71324] 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 2021 for the activities of
8 the National Nuclear Security Administration in carrying
9 out programs as specified in the funding table in section
10 4701.

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 21–D–510, High Explosive Synthesis,
17 Formulation, and Production facility, Pantex Plant,
18 Amarillo, Texas, \$177,395,000.

19 Project 21–D–511, Savannah River Plutonium
20 Processing Facility, Savannah River Site, Aiken,
21 South Carolina, \$241,896,000.

22 Project 21–D–512, Plutonium Pit Production
23 Project, Los Alamos National Laboratory, Los Ala-
24 mos, New Mexico, \$116,900,000 for planning and
25 design and \$79,100,000 for construction.

1 Project 21–D–530, Steam and Condensate Up-
2 grade, Knolls Atomic Power Laboratory, Schenec-
3 tady, New York, \$50,200,000.

4 General Purpose Project, TA–15 Dual-Axis Ra-
5 diographic Hydrodynamic Test facility, Hydro Vessel
6 Repair facility, Los Alamos National Laboratory,
7 Los Alamos, New Mexico, \$16,491,000.

8 General Purpose Project, U1a.03 Test Bed Fa-
9 cility Improvements, Nevada National Security Site,
10 Mercury, Nevada, \$16,000,000.

1 **SEC. 3102.[Log 71329] DEFENSE ENVIRONMENTAL CLEAN-**
2 **UP.**

3 (a) AUTHORIZATION OF APPROPRIATIONS.—Funds
4 are hereby authorized to be appropriated to the Depart-
5 ment of Energy for fiscal year 2021 for defense environ-
6 mental cleanup activities in carrying out programs as
7 specified in the funding table in section 4701.

8 (b) AUTHORIZATION OF NEW PLANT PROJECTS.—
9 From funds referred to in subsection (a) that are available
10 for carrying out plant projects, the Secretary of Energy
11 may carry out, for defense environmental cleanup activi-
12 ties, the following new plant projects:

13 Project 21–D–401, Hoisting Capability Project,
14 Waste Isolation Pilot Plant, Carlsbad, New Mexico,
15 \$10,000,000.

1 **SEC. 3103.[Log 71327] OTHER DEFENSE ACTIVITIES.**

2 Funds are hereby authorized to be appropriated to
3 the Department of Energy for fiscal year 2021 for other
4 defense activities in carrying out programs as specified in
5 the funding table in section 4701.

1 **SEC. 3104.[Log 71328] NUCLEAR ENERGY.**

2 Funds are hereby authorized to be appropriated to
3 the Department of Energy for fiscal year 2021 for nuclear
4 energy as specified in the funding table in section 4701.

1 **Subtitle B—Program Authoriza-**
2 **tions, Restrictions, Limitations,**
3 **and Other Matters**

4 **SEC. 3111.[Log 71255] UNCOSTED AND UNOBLIGATED**
5 **AMOUNTS OF NATIONAL NUCLEAR SECURITY**
6 **ADMINISTRATION.**

7 Section 3251(b) of the National Nuclear Security Ad-
8 ministration Act (50 U.S.C. 2451(b)) is amended by add-
9 ing at the end the following new paragraph:

10 “(3) In the budget justification materials for each of
11 fiscal years 2022 through 2026 submitted to Congress in
12 support of each such budget, the Administrator shall in-
13 clude a detailed description of the uncosted and unobli-
14 gated amounts that the Administrator maintains, listed by
15 the year for which the amounts were appropriated, includ-
16 ing—

17 “(A) the gross uncosted and unobligated
18 amounts for each individual program element (using
19 thresholds specified in the report submitted by the
20 Secretary of Energy to Congress titled ‘Report on
21 Uncosted Balances for Fiscal Year Ended Sep-
22 tember 30, 2014’); and

23 “(B) an explanation for why the uncosted and
24 unobligated amounts have not been expended.”.

1 **SEC. 3112. [LOG 71476] EXTENSION OF LIMITATION RELAT-**
2 **ING TO RECLASSIFICATION OF HIGH-LEVEL**
3 **WASTE.**

4 Section 3121 of the National Defense Authorization
5 Act for Fiscal Year 2020 (Public Law 116–92; 133 Stat.
6 1953) is amended by striking “fiscal year 2020” and in-
7 serting “fiscal year 2020 or fiscal year 2021”.

1 **SEC. 3113.[Log 71444] INDEPENDENT STUDY ON EFFECTS**
2 **OF USE OF NUCLEAR WEAPONS.**

3 (a) STUDY.—The Administrator for Nuclear Security
4 shall seek to enter into an agreement with the National
5 Academies of Sciences, Engineering, and Medicine under
6 which the National Academies conduct a study on the at-
7 mospheric effects of nuclear explosions.

8 (b) MATTERS INCLUDED.—The study under sub-
9 section (a) shall include the following:

10 (1) An evaluation of the non-fallout atmos-
11 pheric effects of likely and plausible scenarios for
12 nuclear war, ranging from relatively small, regional
13 exchanges to large exchanges associated with nuclear
14 war between major powers.

15 (2) An examination of the effects evaluated
16 under paragraph (1) by—

17 (A) the yield, type, and number of nuclear
18 weapons;

19 (B) the types and locations of targets;

20 (C) the time distribution of the explosions;

21 (D) the atmospheric conditions; and

22 (E) other factors that may have a signifi-
23 cant impact on the effects.

24 (3) An assessment of current models of nuclear
25 explosions, including with respect to—

26 (A) the fires such explosions may cause;

1 (B) the atmospheric transport of the gases
2 from such explosions;

3 (C) the radioactive material from such ex-
4 plosions; and

5 (D) the soot and other debris from such
6 explosions and fires, the atmospheric effects of
7 such soot and debris, and the consequences of
8 such effects, including the consequences relating
9 to extreme weather, air pollution, stratospheric
10 ozone, agriculture, and marine and terrestrial
11 ecosystems.

12 (4) Identification of the capabilities and limita-
13 tions of the models described in paragraph (3) for
14 assessing the impacts of nuclear war, including—

15 (A) an evaluation of the relevant uncer-
16 tainties;

17 (B) a highlight of the key data gaps; and

18 (C) recommendations for how such models
19 can be improved to inform decision making.

20 (c) REPORT.—

21 (1) IN GENERAL.—Not later than 18 months
22 after the date of the enactment of this Act, the Na-
23 tional Academies shall submit to the Administrator
24 for National Security and the congressional defense

1 committees a report on the study under subsection
2 (a).

3 (2) FORM.—The report under paragraph (1)
4 shall be submitted in unclassified form, but may in-
5 clude a classified annex.

6 (d) INFORMATION.—The Secretary of Defense shall
7 provide to the National Academies the information of the
8 Department of Defense necessary for the National Acad-
9 emies to conduct the study under subsection (a), including
10 information relating to relevant scenarios described in sub-
11 section (b).

1 **SEC. 3114.[Log 71252] REPORTS ON DIVERSITY OF CERTAIN**
2 **CONTRACTOR EMPLOYEES OF NATIONAL NU-**
3 **CLEAR SECURITY ADMINISTRATION.**

4 (a) ANNUAL REPORTS.—Not later than December
5 31, 2020, and each year thereafter through 2022, the Ad-
6 ministrator for Nuclear Security shall submit to the con-
7 gressional defense committees a report on the diversity of
8 contractor employees of the National Nuclear Security Ad-
9 ministration.

10 (b) MATTERS INCLUDED.—Subject to subsection (c),
11 each report under subsection (a) shall include, for each
12 covered element of the Administration, the following:

13 (1) With respect to the fiscal year covered by
14 the report and the previous fiscal year, demographic
15 data of—

16 (A) the contractor employees of the cov-
17 ered element;

18 (B) the contractor employees hired at the
19 covered element during each such year; and

20 (C) the contractor employees of the cov-
21 ered element who voluntarily separated during
22 each such year.

23 (2) A breakdown of the data under paragraph
24 (1) by each position in the common occupational
25 classification system.

1 (3) A description of the plan to increase diver-
2 sity at the covered element, and how such plan re-
3 sponds to any trends identified with respect to the
4 data under paragraph (1).

5 (4) An identification of the official of the cov-
6 ered element responsible for implementing such plan
7 and a description of how the person determines
8 whether the covered element is meeting the goals of
9 the plan.

10 (5) A description of the training resources re-
11 lating to diversity, equality, and inclusion are avail-
12 able to contractor employees of the covered element
13 with hiring authority, and an identification of how
14 many such contractor employees have been trained.

15 (c) DATA.—The Administrator shall carry out this
16 section using data that is—

17 (1) otherwise available to the Administrator and
18 to the management and operating contractors of the
19 nuclear security enterprise; and

20 (2) collected in accordance with applicable regu-
21 lations of the Equal Employment Opportunity Com-
22 mission, regulations of the Office of Federal Con-
23 tract Compliance Programs of the Department of
24 Labor, and applicable provisions of Federal law on
25 privacy.

1 (d) PUBLICATION.—The Administrator shall make
2 publicly available on the internet website of the Depart-
3 ment of Energy each report under subsection (a), subject
4 to the regulations and Federal law specified in subsection
5 (c)(2).

6 (e) DEFINITIONS.—In this section:

7 (1) The term “contractor employee” means an
8 employee of a management and operating contractor
9 of the nuclear security enterprise.

10 (2) The term “covered element” means each
11 national security laboratory and nuclear weapons
12 production facility (as such terms are defined in sec-
13 tion 3281 of the National Nuclear Security Adminis-
14 tration Act (50 U.S.C. 2471)).

15 (3) The term “nuclear security enterprise” has
16 the meaning that term in section 3281 of the Na-
17 tional Nuclear Security Administration Act (50
18 U.S.C. 2471)).

1 **SEC. 3201.[Log 71323] AUTHORIZATION.**

2 There are authorized to be appropriated for fiscal
3 year 2021, \$28,836,000 for the operation of the Defense
4 Nuclear Facilities Safety Board under chapter 21 of the
5 Atomic Energy Act of 1954 (42 U.S.C. 2286 et seq.).

Subtitle A—Maritime Administration

SEC. 3501 [Log 71156]. AUTHORIZATION OF THE MARITIME ADMINISTRATION.

(a) FISCAL YEAR 2021 AUTHORIZATION.—There are authorized to be appropriated to the Department of Transportation for fiscal year 2021, to be available without fiscal year limitation if so provided in appropriations Acts, for programs associated with maintaining the United States merchant marine, the following amounts:

(1) For expenses necessary for operations of the United States Merchant Marine Academy, \$81,944,000, of which—

(A) \$76,444,000 shall be for Academy operations; and

(B) \$5,500,000 shall remain available until expended for capital asset management at the Academy.

(2) For expenses necessary to support the State maritime academies, \$37,700,000, of which—

(A) \$2,400,000 shall remain available until September 30, 2021, for the Student Incentive Program; and

1 (B) \$30,500,000 shall remain available
2 until expended for maintenance and repair of
3 State maritime academy training vessels.

4 (3) For expenses necessary to support the Na-
5 tional Security Multi-Mission Vessel Program,
6 \$388,815,000, which shall remain available until ex-
7 pended.

8 (4) For expenses necessary to support Maritime
9 Administration operations and programs,
10 \$55,853,000.

11 (5) For expenses necessary to dispose of vessels
12 in the National Defense Reserve Fleet, \$4,200,000,
13 which shall remain available until expended.

14 (6) For expenses necessary to maintain and
15 preserve a United States flag merchant marine to
16 serve the national security needs of the United
17 States under chapter 531 of title 46, United States
18 Code, \$494,008,000.

19 (7) For expenses necessary for the loan guar-
20 antee program authorized under chapter 537 of title
21 46, United States Code, \$33,000,000, of which—

22 (A) \$30,000,000 may be used for the cost
23 (as defined in section 502(5) of the Federal
24 Credit Reform Act of 1990 (2 U.S.C. 661a(5)))
25 of loan guarantees under the program; and

1 (B) \$3,000,000 may be used for adminis-
2 trative expenses relating to loan guarantee com-
3 mitments under the program.

4 (8) For expenses necessary to provide small
5 shipyards and maritime communities grants under
6 section 54101 of title 46, United States Code,
7 \$20,000,000.

8 (b) AMOUNT OF FISCAL YEAR 2021 CONTRACTOR
9 PAYMENTS UNDER OPERATING AGREEMENTS.—Section
10 53106(a)(1)(B) of title 46, United States Code, is amend-
11 ed by striking “\$5,233,463” and inserting “\$8,233,463”.

12 (c) CONFORMING AMENDMENT.—Section 53111(2)
13 of title 46, United States Code, is amended by striking
14 “\$314,007,780” and inserting “\$494,008,000”.

1 **SEC. 3503 [Log 71581]. NONAPPLICABILITY OF REQUIRE-**
2 **MENT RELATING TO MINIMUM NUMBER OF**
3 **OPERATING DAYS FOR VESSELS OPERATING**
4 **UNDER MSP OPERATING AGREEMENTS.**

5 Notwithstanding part 296 of title 46, Code of Federal
6 Regulations, until December 31, 2020, or upon the written
7 determination of the Secretary of Transportation until
8 June 31, 2021, the operator of a vessel operating such
9 vessel under an MSP Operating Agreement (as such term
10 is defined in section 296.2 of title 46, Code of Federal
11 Regulations)—

12 (1) shall not be required to comply with any re-
13 quirement with respect to operating days (as such
14 term is defined in such section) contained in such
15 agreement; and

16 (2) shall maintain such vessel in a state of
17 operational readiness, including through the employ-
18 ment of the vessel's crew complement, until the ap-
19 plicable date.

1 **DIVISION D—FUNDING TABLES**

2 **SEC. 4001 [Log 70890]. AUTHORIZATION OF AMOUNTS IN** 3 **FUNDING TABLES.**

4 (a) IN GENERAL.—Whenever a funding table in this
5 division specifies a dollar amount authorized for a project,
6 program, or activity, the obligation and expenditure of the
7 specified dollar amount for the project, program, or activ-
8 ity is hereby authorized, subject to the availability of ap-
9 propriations.

10 (b) MERIT-BASED DECISIONS.—A decision to com-
11 mit, obligate, or expend funds with or to a specific entity
12 on the basis of a dollar amount authorized pursuant to
13 subsection (a) shall—

14 (1) be based on merit-based selection proce-
15 dures in accordance with the requirements of sec-
16 tions 2304(k) and 2374 of title 10, United States
17 Code, or on competitive procedures; and

18 (2) comply with other applicable provisions of
19 law.

20 (c) RELATIONSHIP TO TRANSFER AND PROGRAM-
21 MING AUTHORITY.—An amount specified in the funding
22 tables in this division may be transferred or repro-
23 grammed under a transfer or reprogramming authority

1 provided by another provision of this Act or by other law.
2 The transfer or reprogramming of an amount specified in
3 such funding tables shall not count against a ceiling on
4 such transfers or reprogrammings under section 1001 or
5 section 1512 of this Act or any other provision of law,
6 unless such transfer or reprogramming would move funds
7 between appropriation accounts.

8 (d) APPLICABILITY TO CLASSIFIED ANNEX.—This
9 section applies to any classified annex that accompanies
10 this Act.

11 (e) ORAL AND WRITTEN COMMUNICATIONS.—No
12 oral or written communication concerning any amount
13 specified in the funding tables in this division shall super-
14 sede the requirements of this section.

1 **TITLE XLI—PROCUREMENT**

2 **SEC. 4101. PROCUREMENT.**

SEC. 4101. PROCUREMENT (In Thousands of Dollars)			
Line	Item	FY 2021 Request	House Authorized
AIRCRAFT PROCUREMENT, ARMY			
FIXED WING			
002	MQ-1 UAV		75,000
	Additional aircraft		[75,000]
003	FUTURE UAS FAMILY	1,100	1,100
004	RQ-11 (RAVEN)	20,851	20,851
ROTARY			
007	AH-64 APACHE BLOCK IIIA REMAN	792,027	792,027
008	AH-64 APACHE BLOCK IIIA REMAN AP	169,460	169,460
011	UH-60 BLACKHAWK M MODEL (MYP)	742,998	725,298
	Unjustified costs		[–17,700]
012	UH-60 BLACKHAWK M MODEL (MYP) AP	87,427	87,427
013	UH-60 BLACK HAWK L AND V MODELS	172,797	172,797
014	CH-47 HELICOPTER	160,750	266,850
	Program increase		[136,000]
	Unjustified cost growth		[–29,900]
015	CH-47 HELICOPTER AP	18,372	47,372
	Program increase		[29,000]
MODIFICATION OF AIRCRAFT			
018	UNIVERSAL GROUND CONTROL EQUIPMENT (UAS)	7,509	7,509
019	GRAY EAGLE MODS2	16,280	16,280
020	MULTI SENSOR ABN RECON (MIP)	35,864	35,864
021	AH-64 MODS	118,316	113,216
	Unjustified cost growth—M-DSA		[–5,100]
022	CH-47 CARGO HELICOPTER MODS (MYP)	15,548	15,548
023	GRCS SEMA MODS (MIP)	2,947	2,947
024	ARL SEMA MODS (MIP)	9,598	9,598
025	EMARSS SEMA MODS (MIP)	2,452	2,452
026	UTILITY/CARGO AIRPLANE MODS	13,868	13,868
027	UTILITY HELICOPTER MODS	25,842	25,842
028	NETWORK AND MISSION PLAN	77,432	77,432
029	COMMS, NAV SURVEILLANCE	101,355	101,355
031	AVIATION ASSURED PNT	54,609	54,609
032	GATM ROLLUP	12,180	12,180
034	UAS MODS	4,204	4,204
GROUND SUPPORT AVIONICS			
035	AIRCRAFT SURVIVABILITY EQUIPMENT	49,455	49,455
036	SURVIVABILITY CM	8,035	8,035
037	CMWS	10,567	10,567
038	COMMON INFRARED COUNTERMEASURES (CIRCM)	237,467	237,467
OTHER SUPPORT			
039	AVIONICS SUPPORT EQUIPMENT	1,789	1,789
040	COMMON GROUND EQUIPMENT	17,584	17,584
041	AIRCREW INTEGRATED SYSTEMS	48,265	48,265
042	AIR TRAFFIC CONTROL	26,408	26,408
044	LAUNCHER, 2.75 ROCKET	2,256	2,256
045	LAUNCHER GUIDED MISSILE, LONGBOW HELLFIRE XM2	8,982	8,982
	TOTAL AIRCRAFT PROCUREMENT, ARMY	3,074,594	3,261,894
MISSILE PROCUREMENT, ARMY			
SURFACE-TO-AIR MISSILE SYSTEM			
002	M-SHORAD—PROCUREMENT	378,654	378,654
003	MSE MISSILE	603,188	603,188
004	PRECISION STRIKE MISSILE (PRSM)	49,941	42,441
	Contract delay		[–7,500]
005	INDIRECT FIRE PROTECTION CAPABILITY INC 2-I	106,261	25,011
	Army identified funds excess to need		[–40,500]
	Funding excess to need		[–40,750]
AIR-TO-SURFACE MISSILE SYSTEM			
006	HELLFIRE SYS SUMMARY	91,225	91,225
007	JOINT AIR-TO-GROUND MSLS (JAGM)	213,397	213,397
008	LONG RANGE PRECISION MUNITION	45,307	45,307
ANTI-TANK/ASSAULT MISSILE SYS			
009	JAVELIN (AAWS-M) SYSTEM SUMMARY	190,325	190,325
010	TOW 2 SYSTEM SUMMARY	121,074	121,074
011	GUIDED MLRS ROCKET (GMLRS)	850,157	850,157
012	MLRS REDUCED RANGE PRACTICE ROCKETS (RRPR)	30,836	30,836
013	HIGH MOBILITY ARTILLERY ROCKET SYSTEM (HIMARS)	41,226	41,226
MODIFICATIONS			
016	PATRIOT MODS	278,050	278,050
017	ATACMS MODS	141,690	141,690
020	AVENGER MODS	13,942	13,942

SEC. 4101. PROCUREMENT (In Thousands of Dollars)			
Line	Item	FY 2021 Request	House Authorized
021	ITAS/TOW MODS	5,666	5,666
022	MLRS MODS	310,419	310,419
023	HIMARS MODIFICATIONS	6,081	6,081
	SPARES AND REPAIR PARTS		
024	SPARES AND REPAIR PARTS	5,090	5,090
	SUPPORT EQUIPMENT & FACILITIES		
025	AIR DEFENSE TARGETS	8,978	8,978
	TOTAL MISSILE PROCUREMENT, ARMY	3,491,507	3,402,757
	PROCUREMENT OF W&TCV, ARMY		
	TRACKED COMBAT VEHICLES		
002	ARMORED MULTI PURPOSE VEHICLE (AMPV)	192,971	112,971
	Prior year carry-over		[-80,000]
	MODIFICATION OF TRACKED COMBAT VEHICLES		
004	STRYKER UPGRADE	847,212	1,183,052
	CROWS-J program delay		[-39,160]
	Program increase—Army UPL		[375,000]
005	BRADLEY PROGRAM (MOD)	493,109	435,759
	Prior year carry-over		[-17,350]
	UBIS early to need		[-40,000]
006	M109 FOV MODIFICATIONS	26,893	21,893
	Prior year carryover		[-5,000]
007	PALADIN INTEGRATED MANAGEMENT (PIM)	435,825	435,825
009	ASSAULT BRIDGE (MOD)	5,074	5,074
010	ASSAULT BREACHER VEHICLE	19,500	19,500
011	M88 FOV MODS	18,382	13,082
	Program reduction		[-5,300]
012	JOINT ASSAULT BRIDGE	72,178	61,878
	Program delay		[-10,300]
013	M1 ABRAMS TANK (MOD)	392,013	386,278
	Prior year carry-over		[-5,735]
014	ABRAMS UPGRADE PROGRAM	1,033,253	1,020,396
	Component cost savings		[-3,480]
	Prior year carry-over		[-9,377]
	WEAPONS & OTHER COMBAT VEHICLES		
016	MULTI-ROLE ANTI-ARMOR ANTI-PERSONNEL WEAPON S	17,864	17,864
018	MORTAR SYSTEMS	10,288	10,288
019	XM320 GRENADE LAUNCHER MODULE (GLM)	5,969	5,969
020	PRECISION SNIPER RIFLE	10,137	10,137
021	COMPACT SEMI-AUTOMATIC SNIPER SYSTEM	999	999
022	CARBINE	7,411	7,411
023	NEXT GENERATION SQUAD WEAPON	35,822	35,822
024	COMMON REMOTELY OPERATED WEAPONS STATION	24,534	24,534
025	HANDGUN	4,662	4,662
	MOD OF WEAPONS AND OTHER COMBAT VEH		
026	MK-19 GRENADE MACHINE GUN MODS	6,444	6,444
027	M777 MODS	10,983	10,983
028	M4 CARBINE MODS	4,824	4,824
031	M240 MEDIUM MACHINE GUN MODS	6,385	6,385
032	SNIPER RIFLES MODIFICATIONS	1,898	1,898
033	M119 MODIFICATIONS	2,009	2,009
034	MORTAR MODIFICATION	1,689	1,689
035	MODIFICATIONS LESS THAN \$5.0M (WOCV-WTCV)	2,604	2,604
	SUPPORT EQUIPMENT & FACILITIES		
036	ITEMS LESS THAN \$5.0M (WOCV-WTCV)	2,763	2,763
037	PRODUCTION BASE SUPPORT (WOCV-WTCV)	3,045	3,045
	TOTAL PROCUREMENT OF W&TCV, ARMY	3,696,740	3,856,038
	PROCUREMENT OF AMMUNITION, ARMY		
	SMALL/MEDIUM CAL AMMUNITION		
001	CTG, 5.56MM, ALL TYPES	68,472	68,472
002	CTG, 7.62MM, ALL TYPES	109,933	109,933
003	NEXT GENERATION SQUAD WEAPON AMMUNITION	11,988	11,988
004	CTG, HANDGUN, ALL TYPES	853	853
005	CTG, .50 CAL, ALL TYPES	58,280	58,280
006	CTG, 20MM, ALL TYPES	31,708	31,708
007	CTG, 25MM, ALL TYPES	9,111	9,111
008	CTG, 30MM, ALL TYPES	58,172	58,172
009	CTG, 40MM, ALL TYPES	114,638	114,638
	MORTAR AMMUNITION		
010	60MM MORTAR, ALL TYPES	31,222	31,222
011	81MM MORTAR, ALL TYPES	42,857	42,857
012	120MM MORTAR, ALL TYPES	107,762	107,762
	TANK AMMUNITION		
013	CARTRIDGES, TANK, 105MM AND 120MM, ALL TYPES	233,444	233,444
	ARTILLERY AMMUNITION		
014	ARTILLERY CARTRIDGES, 75MM & 105MM, ALL TYPES	35,963	35,963
015	ARTILLERY PROJECTILE, 155MM, ALL TYPES	293,692	283,692

SEC. 4101. PROCUREMENT (In Thousands of Dollars)			
Line	Item	FY 2021 Request	House Authorized
	Program delays		[-10,000]
016	PROJ 155MM EXTENDED RANGE M982	69,159	69,159
017	ARTILLERY PROPELLANTS, FUZES AND PRIMERS, ALL	232,913	232,913
	MINES		
018	MINES & CLEARING CHARGES, ALL TYPES	65,278	62,778
	Program decrease		[-2,500]
019	CLOSE TERRAIN SHAPING OBSTACLE	4,995	2,995
	Program reduction		[-2,000]
	ROCKETS		
020	SHOULDER LAUNCHED MUNITIONS, ALL TYPES	69,112	61,612
	Prior year carryover		[-7,500]
021	ROCKET, HYDRA 70, ALL TYPES	125,915	125,915
	OTHER AMMUNITION		
022	CAD/PAD, ALL TYPES	8,891	8,891
023	DEMOLITION MUNITIONS, ALL TYPES	54,043	54,043
024	GRENADERS, ALL TYPES	28,931	28,931
025	SIGNALS, ALL TYPES	27,036	27,036
026	SIMULATORS, ALL TYPES	10,253	10,253
	MISCELLANEOUS		
027	AMMO COMPONENTS, ALL TYPES	3,476	3,476
029	ITEMS LESS THAN \$5 MILLION (AMMO)	10,569	10,569
030	AMMUNITION PECULIAR EQUIPMENT	12,338	12,338
031	FIRST DESTINATION TRANSPORTATION (AMMO)	15,908	15,908
032	CLOSEOUT LIABILITIES	99	99
	PRODUCTION BASE SUPPORT		
033	INDUSTRIAL FACILITIES	592,224	696,724
	Program increase		[104,500]
034	CONVENTIONAL MUNITIONS DEMILITARIZATION	235,112	235,112
035	ARMS INITIATIVE	3,369	3,369
	TOTAL PROCUREMENT OF AMMUNITION, ARMY	2,777,716	2,860,216
	OTHER PROCUREMENT, ARMY		
	TACTICAL VEHICLES		
001	TACTICAL TRAILERS/DOLLY SETS	12,986	12,986
002	SEMITRAILERS, FLATBED:	31,443	31,443
003	SEMITRAILERS, TANKERS	17,082	17,082
004	HI MOB MULTI-PURP WHLD VEH (HMMWV)	44,795	44,795
005	GROUND MOBILITY VEHICLES (GMV)	37,932	37,932
008	JOINT LIGHT TACTICAL VEHICLE FAMILY OF VEHICL	894,414	894,414
009	TRUCK, DUMP, 20T (CCE)	29,368	29,368
010	FAMILY OF MEDIUM TACTICAL VEH (FMTV)	95,092	95,092
011	FAMILY OF COLD WEATHER ALL-TERRAIN VEHICLE (C	999	999
012	FIRETRUCKS & ASSOCIATED FIREFIGHTING EQUIP	27,687	27,687
014	PLS ESP	21,969	21,969
015	HVY EXPANDED MOBILE TACTICAL TRUCK EXT SERV	65,635	132,635
	Program increase		[67,000]
016	HMMWV RECAPITALIZATION PROGRAM	5,927	5,927
017	TACTICAL WHEELED VEHICLE PROTECTION KITS	36,497	36,497
018	MODIFICATION OF IN SVC EQUIP	114,977	114,977
	NON-TACTICAL VEHICLES		
020	PASSENGER CARRYING VEHICLES	1,246	1,246
021	NONTACTICAL VEHICLES, OTHER	19,870	19,870
	COMM—JOINT COMMUNICATIONS		
022	SIGNAL MODERNIZATION PROGRAM	160,469	150,469
	Unit cost growth		[-10,000]
023	TACTICAL NETWORK TECHNOLOGY MOD IN SVC	360,379	337,879
	Program delays		[-10,000]
	Unit cost growth		[-12,500]
024	SITUATION INFORMATION TRANSPORT	63,396	63,396
026	JCSE EQUIPMENT (USRDECOM)	5,170	5,170
	COMM—SATELLITE COMMUNICATIONS		
029	DEFENSE ENTERPRISE WIDEBAND SATCOM SYSTEMS	101,498	101,498
030	TRANSPORTABLE TACTICAL COMMAND COMMUNICATIONS	72,450	64,950
	Program delays		[-7,500]
031	SHF TERM	13,173	13,173
032	ASSURED POSITIONING, NAVIGATION AND TIMING	134,928	134,928
033	SMART-T (SPACE)	8,611	8,611
034	GLOBAL BRDCST SVC—GBS	8,191	8,191
	COMM—C3 SYSTEM		
036	COE TACTICAL SERVER INFRASTRUCTURE (TSI)	94,871	94,871
	COMM—COMBAT COMMUNICATIONS		
037	HANDHELD MANPACK SMALL FORM FIT (HMS)	550,848	550,848
038	RADIO TERMINAL SET, MIDS LVT(2)	8,237	8,237
041	SPIDER FAMILY OF NETWORKED MUNITIONS INCR	13,967	0
	Program cancellation		[-13,967]
043	UNIFIED COMMAND SUITE	19,579	19,579
044	COTS COMMUNICATIONS EQUIPMENT	94,156	94,156
045	FAMILY OF MED COMM FOR COMBAT CASUALTY CARE	18,313	18,313

SEC. 4101. PROCUREMENT (In Thousands of Dollars)			
Line	Item	FY 2021 Request	House Authorized
046	ARMY COMMUNICATIONS & ELECTRONICS	51,480	51,480
	COMM—INTELLIGENCE COMM		
048	CI AUTOMATION ARCHITECTURE (MIP)	13,146	13,146
049	DEFENSE MILITARY DECEPTION INITIATIVE	5,624	5,624
	INFORMATION SECURITY		
051	INFORMATION SYSTEM SECURITY PROGRAM-ISSP	4,596	4,596
052	COMMUNICATIONS SECURITY (COMSEC)	159,272	149,272
	Program decrease		[-10,000]
053	DEFENSIVE CYBER OPERATIONS	54,753	54,753
054	INSIDER THREAT PROGRAM—UNIT ACTIVITY MONITO	1,760	1,760
056	ITEMS LESS THAN \$5M (INFO SECURITY)	260	260
	COMM—LONG HAUL COMMUNICATIONS		
057	BASE SUPPORT COMMUNICATIONS	29,761	29,761
	COMM—BASE COMMUNICATIONS		
058	INFORMATION SYSTEMS	147,696	147,696
059	EMERGENCY MANAGEMENT MODERNIZATION PROGRAM	4,900	4,900
060	HOME STATION MISSION COMMAND CENTERS (HSMCC)	15,227	15,227
061	JOINT INFORMATION ENVIRONMENT (JIE)	3,177	3,177
062	INSTALLATION INFO INFRASTRUCTURE MOD PROGRAM	300,035	280,035
	Unjustified growth		[-20,000]
	ELECT EQUIP—TACT INT REL ACT (TIARA)		
065	JTT/CIBS-M (MIP)	5,304	5,304
066	TERRESTRIAL LAYER SYSTEMS (TLS) (MIP)	8,081	8,081
068	DCGS-A (MIP)	151,886	151,886
070	TROJAN (MIP)	17,593	17,593
071	MOD OF IN-SVC EQUIP (INTEL SPT) (MIP)	28,558	28,558
073	BIOMETRIC TACTICAL COLLECTION DEVICES (MIP)	999	999
	ELECT EQUIP—ELECTRONIC WARFARE (EW)		
075	LIGHTWEIGHT COUNTER MORTAR RADAR	5,332	5,332
076	EW PLANNING & MANAGEMENT TOOLS (EWPMT)	7,849	7,849
077	AIR VIGILANCE (AV) (MIP)	8,160	8,160
079	MULTI-FUNCTION ELECTRONIC WARFARE (MFEW) SYST	8,669	8,669
082	CI MODERNIZATION (MIP)	300	300
	ELECT EQUIP—TACTICAL SURV. (TAC SURV)		
083	SENTINEL MODS	58,884	58,884
084	NIGHT VISION DEVICES	1,127,375	897,375
	IVAS reduction		[-230,000]
086	SMALL TACTICAL OPTICAL RIFLE MOUNTED MLRF	13,954	13,954
088	INDIRECT FIRE PROTECTION FAMILY OF SYSTEMS	10,069	10,069
089	FAMILY OF WEAPON SIGHTS (FWS)	133,590	133,590
091	JOINT BATTLE COMMAND—PLATFORM (JBC-P)	243,850	226,350
	Program delays		[-17,500]
092	JOINT EFFECTS TARGETING SYSTEM (JETS)	69,641	50,541
	Early to need		[-19,100]
094	COMPUTER BALLISTICS: LHMCB XM32	7,509	7,509
095	MORTAR FIRE CONTROL SYSTEM	3,800	3,800
096	MORTAR FIRE CONTROL SYSTEMS MODIFICATIONS	7,292	7,292
097	COUNTERFIRE RADARS	72,421	71,421
	Excess to need		[-1,000]
	ELECT EQUIP—TACTICAL C2 SYSTEMS		
098	ARMY COMMAND POST INTEGRATED INFRASTRUCTURE (.....	49,947	49,947
099	FIRE SUPPORT C2 FAMILY	9,390	9,390
100	AIR & MSL DEFENSE PLANNING & CONTROL SYS	47,374	47,374
101	LAMD BATTLE COMMAND SYSTEM	201,587	191,587
	Program reduction		[-10,000]
102	LIFE CYCLE SOFTWARE SUPPORT (LCSS)	4,495	4,495
103	NETWORK MANAGEMENT INITIALIZATION AND SERVICE	18,651	18,651
105	GLOBAL COMBAT SUPPORT SYSTEM-ARMY (GCSS-A)	2,792	2,792
106	INTEGRATED PERSONNEL AND PAY SYSTEM-ARMY (IPP)	9,071	9,071
107	RECONNAISSANCE AND SURVEYING INSTRUMENT SET	12,117	12,117
108	MOD OF IN-SVC EQUIPMENT (ENFIRE)	3,004	5,004
	Program increase		[2,000]
	ELECT EQUIP—AUTOMATION		
109	ARMY TRAINING MODERNIZATION	14,574	14,574
110	AUTOMATED DATA PROCESSING EQUIP	140,619	140,619
111	GENERAL FUND ENTERPRISE BUSINESS SYSTEMS FAM	4,448	4,448
112	HIGH PERF COMPUTING MOD PGM (HPCMP)	68,405	68,405
113	CONTRACT WRITING SYSTEM	8,459	8,459
114	CSS COMMUNICATIONS	57,651	57,651
115	RESERVE COMPONENT AUTOMATION SYS (RCAS)	14,848	14,848
	ELECT EQUIP—AUDIO VISUAL SYS (A/V)		
117	ITEMS LESS THAN \$5M (SURVEYING EQUIPMENT)	4,995	4,995
	ELECT EQUIP—SUPPORT		
119	BCT EMERGING TECHNOLOGIES	16,983	8,983
	Program reduction		[-8,000]
	CLASSIFIED PROGRAMS		
19A	CLASSIFIED PROGRAMS	1,582	1,582
	CHEMICAL DEFENSIVE EQUIPMENT		

SEC. 4101. PROCUREMENT (In Thousands of Dollars)			
Line	Item	FY 2021 Request	House Authorized
123	CBRN DEFENSE	28,456	28,456
124	SMOKE & OBSCURANT FAMILY: SOF (NON AAO ITEM)	13,995	13,995
	BRIDGING EQUIPMENT		
125	TACTICAL BRIDGING	10,545	10,545
126	TACTICAL BRIDGE, FLOAT-RIBBON	72,074	72,074
127	BRIDGE SUPPLEMENTAL SET	32,493	32,493
128	COMMON BRIDGE TRANSPORTER (CBT) RECAP	62,978	62,978
	ENGINEER (NON-CONSTRUCTION) EQUIPMENT		
129	HANDHELD STANDOFF MINEFIELD DETECTION SYS-HST	5,570	5,570
130	GRND STANDOFF MINE DETECTN SYSM (GSTAMIDS)	2,497	2,497
132	HUSKY MOUNTED DETECTION SYSTEM (HMDS)	109,069	99,069
	Program reduction		[-10,000]
134	EOD ROBOTICS SYSTEMS RECAPITALIZATION	36,584	36,584
135	ROBOTICS AND APPLIQUE SYSTEMS	179,544	174,744
	SMET contract delay		[-4,800]
137	RENDER SAFE SETS KITS OUTFITS	64,583	64,583
139	FAMILY OF BOATS AND MOTORS	5,289	5,289
	COMBAT SERVICE SUPPORT EQUIPMENT		
140	HEATERS AND ECUS	8,200	8,200
142	PERSONNEL RECOVERY SUPPORT SYSTEM (PRSS)	4,625	4,625
143	GROUND SOLDIER SYSTEM	154,937	154,937
144	MOBILE SOLDIER POWER	34,297	34,297
147	CARGO AERIAL DEL & PERSONNEL PARACHUTE SYSTEM	53,021	53,021
148	FAMILY OF ENGR COMBAT AND CONSTRUCTION SETS	23,324	23,324
149	ITEMS LESS THAN \$5M (ENG SPT)	8,014	8,014
	PETROLEUM EQUIPMENT		
150	DISTRIBUTION SYSTEMS, PETROLEUM & WATER	78,448	78,448
	MEDICAL EQUIPMENT		
151	COMBAT SUPPORT MEDICAL	59,485	64,485
	Future Warfighter Shelter		[5,000]
	MAINTENANCE EQUIPMENT		
152	MOBILE MAINTENANCE EQUIPMENT SYSTEMS	40,337	40,337
153	ITEMS LESS THAN \$5.0M (MAINT EQ)	5,386	5,386
	CONSTRUCTION EQUIPMENT		
154	GRADER, ROAD MTZD, Hvy, 6X4 (CCE)	5,406	5,406
155	SCRAPERS, EARTHMOVING	4,188	4,188
156	LOADERS	4,521	4,521
157	HYDRAULIC EXCAVATOR	5,186	5,186
158	TRACTOR, FULL TRACKED	4,715	4,715
159	ALL TERRAIN CRANES	70,560	70,560
162	CONST EQUIP ESP	8,925	8,925
	RAIL FLOAT CONTAINERIZATION EQUIPMENT		
164	ARMY WATERCRAFT ESP	40,910	40,910
165	MANEUVER SUPPORT VESSEL (MSV)	76,576	76,576
166	ITEMS LESS THAN \$5.0M (FLOAT/RAIL)	1,844	1,844
	GENERATORS		
167	GENERATORS AND ASSOCIATED EQUIP	53,433	53,433
168	TACTICAL ELECTRIC POWER RECAPITALIZATION	22,216	22,216
	MATERIAL HANDLING EQUIPMENT		
169	FAMILY OF FORKLIFTS	16,145	16,145
	TRAINING EQUIPMENT		
170	COMBAT TRAINING CENTERS SUPPORT	90,580	90,580
171	TRAINING DEVICES, NONSYSTEM	161,814	161,814
172	SYNTHETIC TRAINING ENVIRONMENT (STE)	13,063	13,063
175	GAMING TECHNOLOGY IN SUPPORT OF ARMY TRAINING	1,950	1,950
	TEST MEASURE AND DIG EQUIPMENT (TMD)		
176	CALIBRATION SETS EQUIPMENT	2,511	2,511
177	INTEGRATED FAMILY OF TEST EQUIPMENT (IFTE)	78,578	73,578
	Program reduction		[-5,000]
178	TEST EQUIPMENT MODERNIZATION (TEMOD)	14,941	14,941
	OTHER SUPPORT EQUIPMENT		
180	RAPID EQUIPPING SOLDIER SUPPORT EQUIPMENT	8,629	8,629
181	PHYSICAL SECURITY SYSTEMS (OPA3)	75,499	72,299
	Early to need		[-3,200]
182	BASE LEVEL COMMON EQUIPMENT	27,444	27,444
183	MODIFICATION OF IN-SVC EQUIPMENT (OPA-3)	32,485	32,485
187	SPECIAL EQUIPMENT FOR TEST AND EVALUATION	39,436	39,436
	OPA2		
189	INITIAL SPARES—C&E	9,950	9,950
	TOTAL OTHER PROCUREMENT, ARMY	8,625,206	8,306,639
	AIRCRAFT PROCUREMENT, NAVY		
	COMBAT AIRCRAFT		
001	F/A-18E/F (FIGHTER) HORNET	1,761,146	1,761,146
002	F/A-18E/F (FIGHTER) HORNET AP		28,100
	FY22 aircraft		[28,100]
003	JOINT STRIKE FIGHTER CV	2,181,780	2,106,680
	Excess depot standup funding		[-6,500]

SEC. 4101. PROCUREMENT (In Thousands of Dollars)			
Line	Item	FY 2021 Request	House Authorized
	F135 affordability challenges		[-21,000]
	Lot 15 target cost savings		[-41,600]
	Unjustified ALIS funding		[-6,000]
004	JOINT STRIKE FIGHTER CV AP	330,386	330,386
005	JSF STOVL	1,109,393	1,053,893
	Excess depot standup funding		[-5,000]
	F135 affordability challenges		[-15,000]
	Lot 15 target cost savings		[-18,000]
	Unjustified ALIS funding		[-10,000]
	Unjustified production engineering support		[-7,500]
006	JSF STOVL AP	303,035	303,035
007	CH-53K (HEAVY LIFT)	813,324	813,324
008	CH-53K (HEAVY LIFT) AP	201,188	201,188
009	V-22 (MEDIUM LIFT)	934,793	1,146,193
	Navy UPL		[211,400]
010	V-22 (MEDIUM LIFT) AP	39,547	39,547
011	H-1 UPGRADES (UH-1Y/AH-1Z)	7,267	7,267
013	P-8A POSEIDON	80,134	1,020,034
	Line shutdown early to need		[-80,100]
	Six additional aircraft		[1,020,000]
015	E-2D ADV HAWKEYE	626,109	626,109
016	E-2D ADV HAWKEYE AP	123,166	123,166
	TRAINER AIRCRAFT		
017	ADVANCED HELICOPTER TRAINING SYSTEM	269,867	269,867
	OTHER AIRCRAFT		
018	KC-130J	380,984	380,984
019	KC-130J AP	67,022	67,022
021	MQ-4 TRITON	150,570	150,570
023	MQ-8 UAV	40,375	40,375
024	STUASLo UAV	30,930	30,930
026	VH-92A EXECUTIVE HELO	610,231	610,231
	MODIFICATION OF AIRCRAFT		
028	F-18 A-D UNIQUE	208,261	208,261
029	F-18E/F AND EA-18G MODERNIZATION AND SUSTAINM	468,954	468,954
030	AEA SYSTEMS	21,061	21,061
031	AV-8 SERIES	34,082	34,082
032	INFRARED SEARCH AND TRACK (IRST)	158,055	158,055
033	ADVERSARY	42,946	42,946
034	F-18 SERIES	379,351	379,351
035	H-53 SERIES	74,771	74,771
036	MH-60 SERIES	131,584	136,584
	Program increase		[5,000]
037	H-1 SERIES	185,140	185,140
038	EP-3 SERIES	26,602	26,602
040	E-3 SERIES	175,540	175,540
041	TRAINER A/C SERIES	7,085	7,085
042	C-2A	9,525	9,525
043	C-130 SERIES	141,705	141,705
044	FEWSG	684	684
045	CARGO/TRANSPORT A/C SERIES	8,911	8,911
046	E-6 SERIES	197,206	197,206
047	EXECUTIVE HELICOPTERS SERIES	29,086	29,086
049	T-45 SERIES	155,745	155,745
050	POWER PLANT CHANGES	24,633	24,633
051	JPATS SERIES	22,682	22,682
052	AVIATION LIFE SUPPORT MODS	40,401	40,401
053	COMMON ECM EQUIPMENT	138,480	138,480
054	COMMON AVIONICS CHANGES	143,322	143,322
055	COMMON DEFENSIVE WEAPON SYSTEM	2,142	2,142
056	ID SYSTEMS	35,999	35,999
057	P-8 SERIES	180,530	180,530
058	MAGTF EW FOR AVIATION	27,794	27,794
059	MQ-8 SERIES	28,774	28,774
060	V-22 (TILT/ROTOR ACFT) OSPREY	334,405	334,405
061	NEXT GENERATION JAMMER (NGJ)	176,638	176,638
062	F-35 STOVL SERIES	153,588	146,388
	Block IV/TR3 upgrade delays		[-7,200]
063	F-35 CV SERIES	105,452	99,552
	Block IV/TR3 upgrade delays		[-5,900]
064	QRC	126,618	126,618
065	MQ-4 SERIES	12,998	12,998
066	RQ-21 SERIES	18,550	18,550
	AIRCRAFT SPARES AND REPAIR PARTS		
070	SPARES AND REPAIR PARTS	2,198,460	2,198,460
	AIRCRAFT SUPPORT EQUIP & FACILITIES		
071	COMMON GROUND EQUIPMENT	543,559	543,559
072	AIRCRAFT INDUSTRIAL FACILITIES	75,685	75,685
073	WAR CONSUMABLES	40,633	40,633

SEC. 4101. PROCUREMENT (In Thousands of Dollars)			
Line	Item	FY 2021 Request	House Authorized
074	OTHER PRODUCTION CHARGES	21,194	21,194
075	SPECIAL SUPPORT EQUIPMENT	155,179	155,179
076	FIRST DESTINATION TRANSPORTATION	2,121	2,121
	TOTAL AIRCRAFT PROCUREMENT, NAVY	17,127,378	18,168,078
	WEAPONS PROCUREMENT, NAVY		
	MODIFICATION OF MISSILES		
001	TRIDENT II MODS	1,173,837	1,173,837
	SUPPORT EQUIPMENT & FACILITIES		
002	MISSILE INDUSTRIAL FACILITIES	7,275	7,275
	STRATEGIC MISSILES		
003	TOMAHAWK	277,694	277,694
	TACTICAL MISSILES		
004	AMRAAM	326,952	326,952
005	SIDEWINDER	126,485	126,485
007	STANDARD MISSILE	456,206	456,206
008	STANDARD MISSILE AP	66,716	66,716
009	SMALL DIAMETER BOMB II	78,867	78,867
010	RAM	90,533	90,533
011	JOINT AIR GROUND MISSILE (JAGM)	49,386	49,386
014	AERIAL TARGETS	174,336	174,336
015	DRONES AND DECOYS	41,256	41,256
016	OTHER MISSILE SUPPORT	3,501	3,501
017	LRASM	168,845	168,845
018	LCS OTH MISSILE	32,910	32,910
	MODIFICATION OF MISSILES		
019	TOMAHAWK MODS	164,915	164,915
020	ESSM	215,375	206,475
	Excessive production support growth		[-8,900]
022	HARM MODS	147,572	147,572
023	STANDARD MISSILES MODS	83,654	17,254
	SM-2 Blk IIC excessive concurrency		[-66,400]
	SUPPORT EQUIPMENT & FACILITIES		
024	WEAPONS INDUSTRIAL FACILITIES	1,996	1,996
025	FLEET SATELLITE COMM FOLLOW-ON	53,401	53,401
	ORDNANCE SUPPORT EQUIPMENT		
027	ORDNANCE SUPPORT EQUIPMENT	215,659	215,659
	TORPEDOES AND RELATED EQUIP		
028	SSTD	5,811	5,811
029	MK-48 TORPEDO	284,901	284,901
030	ASW TARGETS	13,833	13,833
	MOD OF TORPEDOES AND RELATED EQUIP		
031	MK-54 TORPEDO MODS	110,286	110,286
032	MK-48 TORPEDO ADCAP MODS	57,214	57,214
033	MARITIME MINES	5,832	5,832
	SUPPORT EQUIPMENT		
034	TORPEDO SUPPORT EQUIPMENT	97,581	97,581
035	ASW RANGE SUPPORT	4,159	4,159
	DESTINATION TRANSPORTATION		
036	FIRST DESTINATION TRANSPORTATION	4,106	4,106
	GUNS AND GUN MOUNTS		
037	SMALL ARMS AND WEAPONS	16,030	16,030
	MODIFICATION OF GUNS AND GUN MOUNTS		
038	CJWS MODS	37,147	37,147
039	COAST GUARD WEAPONS	45,804	45,804
040	GUN MOUNT MODS	74,427	74,427
041	LCS MODULE WEAPONS	4,253	4,253
042	AIRBORNE MINE NEUTRALIZATION SYSTEMS	6,662	6,662
	SPARES AND REPAIR PARTS		
045	SPARES AND REPAIR PARTS	159,578	159,578
	TOTAL WEAPONS PROCUREMENT, NAVY	4,884,995	4,809,695
	PROCUREMENT OF AMMO, NAVY & MC		
	NAVY AMMUNITION		
001	GENERAL PURPOSE BOMBS	41,496	41,496
002	JDAM	64,631	64,631
003	AIRBORNE ROCKETS, ALL TYPES	60,719	60,719
004	MACHINE GUN AMMUNITION	11,158	11,158
005	PRACTICE BOMBS	51,409	51,409
006	CARTRIDGES & CART ACTUATED DEVICES	64,694	64,694
007	AIR EXPENDABLE COUNTERMEASURES	51,523	51,523
008	JATOS	6,761	6,761
009	5 INCH/54 GUN AMMUNITION	31,517	31,517
010	INTERMEDIATE CALIBER GUN AMMUNITION	38,005	38,005
011	OTHER SHIP GUN AMMUNITION	40,626	40,626
012	SMALL ARMS & LANDING PARTY AMMO	48,202	48,202
013	PYROTECHNIC AND DEMOLITION	9,766	9,766
015	AMMUNITION LESS THAN \$5 MILLION	2,115	2,115

SEC. 4101. PROCUREMENT (In Thousands of Dollars)			
Line	Item	FY 2021 Request	House Authorized
	MARINE CORPS AMMUNITION		
016	MORTARS	46,781	46,781
017	DIRECT SUPPORT MUNITIONS	119,504	79,662
	USMC identified funds excess to need		[-39,842]
018	INFANTRY WEAPONS AMMUNITION	83,220	83,220
019	COMBAT SUPPORT MUNITIONS	32,650	32,650
020	AMMO MODERNIZATION	15,144	15,144
021	ARTILLERY MUNITIONS	59,539	59,539
022	ITEMS LESS THAN \$5 MILLION	4,142	4,142
	TOTAL PROCUREMENT OF AMMO, NAVY & MC	883,602	843,760
	SHIPBUILDING AND CONVERSION, NAVY		
	FLEET BALLISTIC MISSILE SHIPS		
001	OHIO REPLACEMENT SUBMARINE	2,891,475	2,891,475
002	OHIO REPLACEMENT SUBMARINE AP	1,123,175	1,123,175
	OTHER WARSHIPS		
003	CARRIER REPLACEMENT PROGRAM	997,544	907,544
	Full funding early to need		[-90,000]
004	CVN-81	1,645,606	1,465,606
	Full funding early to need		[-180,000]
005	VIRGINIA CLASS SUBMARINE	1,862,693	4,158,693
	Restore second Virginia-class SSN		[2,296,000]
006	VIRGINIA CLASS SUBMARINE	2,373,187	2,645,187
	Restore second Virginia-class SSN		[272,000]
007	CVN REFUELING OVERHAULS	1,878,453	1,878,453
008	CVN REFUELING OVERHAULS AP	17,384	17,384
009	DDG 1000	78,205	78,205
010	DDG-51	3,040,270	3,040,270
011	DDG-51 AP	29,297	29,297
013	FFG-FRIGATE	1,053,123	954,523
	Anticipated learning curve		[-98,600]
	AMPHIBIOUS SHIPS		
014	LPD FLIGHT II	1,155,801	1,118,101
	Excessive unit cost growth		[-37,700]
	AUXILIARIES, CRAFT AND PRIOR YR PROGRAM COST		
022	TOWING, SALVAGE, AND RESCUE SHIP (ATS)	168,209	168,209
023	LCU 1700	87,395	87,395
024	OUTFITTING	825,586	825,586
026	SERVICE CRAFT	249,781	249,781
027	LCAC SLEP	56,461	56,461
028	COMPLETION OF PY SHIPBUILDING PROGRAMS	369,112	369,112
	TOTAL SHIPBUILDING AND CONVERSION, NAVY	19,902,757	22,064,457
	OTHER PROCUREMENT, NAVY		
	SHIP PROPULSION EQUIPMENT		
001	SURFACE POWER EQUIPMENT	11,738	11,738
	GENERATORS		
002	SURFACE COMBATANT HM&E	58,497	58,497
	NAVIGATION EQUIPMENT		
003	OTHER NAVIGATION EQUIPMENT	74,084	74,084
	OTHER SHIPBOARD EQUIPMENT		
004	SUB PERISCOPE, IMAGING AND SUPT EQUIP PROG	204,806	204,806
005	DDG MOD	547,569	531,169
	Excessive CSSQT cost growth		[-16,400]
006	FIREFIGHTING EQUIPMENT	18,394	18,394
007	COMMAND AND CONTROL SWITCHBOARD	2,374	2,374
008	LHA/LHD MIDLIFE	78,265	78,265
009	POLLUTION CONTROL EQUIPMENT	23,035	23,035
010	SUBMARINE SUPPORT EQUIPMENT	64,632	60,132
	Excess cost growth		[-4,500]
011	VIRGINIA CLASS SUPPORT EQUIPMENT	22,868	22,868
012	LCS CLASS SUPPORT EQUIPMENT	3,976	3,976
013	SUBMARINE BATTERIES	31,322	31,322
014	LPD CLASS SUPPORT EQUIPMENT	50,475	55,475
	Electronic actuator pilot program		[5,000]
015	DDG 1000 CLASS SUPPORT EQUIPMENT	42,279	36,779
	Excess cost growth		[-5,500]
016	STRATEGIC PLATFORM SUPPORT EQUIP	15,429	15,429
017	DSSP EQUIPMENT	2,918	2,918
018	CG MODERNIZATION	87,978	87,978
019	LCAC	9,366	9,366
020	UNDERWATER EOD EQUIPMENT	16,842	16,842
021	ITEMS LESS THAN \$5 MILLION	105,715	95,715
	Cost growth		[-10,000]
022	CHEMICAL WARFARE DETECTORS	3,044	3,044
023	SUBMARINE LIFE SUPPORT SYSTEM	5,885	5,885
	REACTOR PLANT EQUIPMENT		
024	SHIP MAINTENANCE, REPAIR AND MODERNIZATION	1,260,721	400,621

SEC. 4101. PROCUREMENT (In Thousands of Dollars)			
Line	Item	FY 2021 Request	House Authorized
	LCS in-service modernization excess cost growth		[-12,100]
	Realignment to OPN-24A for Shipyard Infrastructure Optimization Plan		[-198,000]
	Transfer to O&M for ship depot maintenance		[-650,000]
024A	SHIPYARD INFRASTRUCTURE OPTIMIZATION PLAN		198,000
	Realignment from OPN-24 for Shipyard Infrastructure Optimization Plan		[198,000]
025	REACTOR POWER UNITS	5,305	5,305
026	REACTOR COMPONENTS	415,404	415,404
	OCEAN ENGINEERING		
027	DIVING AND SALVAGE EQUIPMENT	11,143	11,143
	SMALL BOATS		
028	STANDARD BOATS	52,371	52,371
	PRODUCTION FACILITIES EQUIPMENT		
029	OPERATING FORCES IPE	233,667	233,667
	OTHER SHIP SUPPORT		
030	LCS COMMON MISSION MODULES EQUIPMENT	39,714	39,714
031	LCS MCM MISSION MODULES	218,822	209,522
	COBRA early to need		[-9,300]
032	LCS ASW MISSION MODULES	61,759	61,759
033	LCS SUW MISSION MODULES	24,412	24,412
034	LCS IN-SERVICE MODERNIZATION	121,848	151,848
	Preservation of LCS 3 and LCS 4		[30,000]
035	SMALL & MEDIUM UUV	67,709	43,709
	Early to need based on IOTE schedule		[-24,000]
	SHIP SONARS		
037	SPQ-9B RADAR	27,517	27,517
038	AN/SQQ-89 SURF ASW COMBAT SYSTEM	128,664	128,664
039	SSN ACOUSTIC EQUIPMENT	374,737	374,737
040	UNDERSEA WARFARE SUPPORT EQUIPMENT	9,286	9,286
	ASW ELECTRONIC EQUIPMENT		
041	SUBMARINE ACOUSTIC WARFARE SYSTEM	26,066	26,066
042	SSTD	13,241	13,241
043	FIXED SURVEILLANCE SYSTEM	193,446	193,446
044	SURTASS	63,838	63,838
	ELECTRONIC WARFARE EQUIPMENT		
045	AN/SLQ-32	387,195	387,195
	RECONNAISSANCE EQUIPMENT		
046	SHIPBOARD IW EXPLOIT	235,744	223,644
	Excess cost growth		[-12,100]
047	AUTOMATED IDENTIFICATION SYSTEM (AIS)	3,862	3,862
	OTHER SHIP ELECTRONIC EQUIPMENT		
048	COOPERATIVE ENGAGEMENT CAPABILITY	26,006	26,006
049	NAVAL TACTICAL COMMAND SUPPORT SYSTEM (NTCSS)	15,385	15,385
050	ATDLS	103,835	103,835
051	NAVY COMMAND AND CONTROL SYSTEM (NCCS)	3,594	3,594
052	MINESWEEPING SYSTEM REPLACEMENT	15,744	15,744
053	SHALLOW WATER MCM	5,493	5,493
054	NAVSTAR GPS RECEIVERS (SPACE)	38,043	38,043
055	AMERICAN FORCES RADIO AND TV SERVICE	2,592	2,592
056	STRATEGIC PLATFORM SUPPORT EQUIP	7,985	7,985
	AVIATION ELECTRONIC EQUIPMENT		
057	ASHORE ATC EQUIPMENT	83,475	83,475
058	AFLOAT ATC EQUIPMENT	65,113	65,113
059	ID SYSTEMS	23,815	23,815
060	JOINT PRECISION APPROACH AND LANDING SYSTEM (.....	100,751	100,751
061	NAVAL MISSION PLANNING SYSTEMS	13,947	13,947
	OTHER SHORE ELECTRONIC EQUIPMENT		
062	MARITIME INTEGRATED BROADCAST SYSTEM	1,375	1,375
063	TACTICAL/MOBILE C4I SYSTEMS	22,771	22,771
064	DCGS-N	18,872	18,872
065	CANES	389,585	389,585
066	RADIAC	10,335	10,335
067	CANES-INTELL	48,654	48,654
068	GPETE	8,133	8,133
069	MASF	4,150	4,150
070	INTEG COMBAT SYSTEM TEST FACILITY	5,934	5,934
071	EMI CONTROL INSTRUMENTATION	4,334	4,334
072	ITEMS LESS THAN \$5 MILLION	159,815	159,815
	SHIPBOARD COMMUNICATIONS		
073	SHIPBOARD TACTICAL COMMUNICATIONS	56,106	56,106
074	SHIP COMMUNICATIONS AUTOMATION	124,288	124,288
075	COMMUNICATIONS ITEMS UNDER \$5M	45,120	45,120
	SUBMARINE COMMUNICATIONS		
076	SUBMARINE BROADCAST SUPPORT	31,133	31,133
077	SUBMARINE COMMUNICATION EQUIPMENT	62,214	62,214
	SATELLITE COMMUNICATIONS		
078	SATELLITE COMMUNICATIONS SYSTEMS	47,421	47,421
079	NAVY MULTIBAND TERMINAL (NMT)	64,552	64,552
	SHORE COMMUNICATIONS		

SEC. 4101. PROCUREMENT (In Thousands of Dollars)			
Line	Item	FY 2021 Request	House Authorized
080	JOINT COMMUNICATIONS SUPPORT ELEMENT (JCSE)	4,398	4,398
	CRYPTOGRAPHIC EQUIPMENT		
081	INFO SYSTEMS SECURITY PROGRAM (ISSP)	157,551	147,551
	Program decrease		[-10,000]
082	MIO INTEL EXPLOITATION TEAM	985	985
	CRYPTOLOGIC EQUIPMENT		
083	CRYPTOLOGIC COMMUNICATIONS EQUIP	15,906	15,906
	OTHER ELECTRONIC SUPPORT		
090	COAST GUARD EQUIPMENT	70,689	70,689
	SONOBUOYS		
092	SONOBUOYS—ALL TYPES	237,639	286,639
	Inventory increase		[49,000]
	AIRCRAFT SUPPORT EQUIPMENT		
093	MINOTAUR	5,077	5,077
094	WEAPONS RANGE SUPPORT EQUIPMENT	83,969	83,969
095	AIRCRAFT SUPPORT EQUIPMENT	187,758	187,758
096	ADVANCED ARRESTING GEAR (AAG)	16,059	16,059
097	METEOROLOGICAL EQUIPMENT	15,192	15,192
099	LEGACY AIRBORNE MCM	6,674	6,674
100	LAMPS EQUIPMENT	1,189	1,189
101	AVIATION SUPPORT EQUIPMENT	58,873	58,873
102	UMCS-UNMAN CARRIER AVIATION(UCA)MISSION CNTRL	60,937	60,937
	SHIP GUN SYSTEM EQUIPMENT		
103	SHIP GUN SYSTEMS EQUIPMENT	5,540	5,540
	SHIP MISSILE SYSTEMS EQUIPMENT		
104	HARPOON SUPPORT EQUIPMENT	208	208
105	SHIP MISSILE SUPPORT EQUIPMENT	262,077	252,077
	Excess cost growth		[-10,000]
106	TOMAHAWK SUPPORT EQUIPMENT	84,087	76,087
	TMPC cost growth		[-8,000]
	FBM SUPPORT EQUIPMENT		
107	STRATEGIC MISSILE SYSTEMS EQUIP	258,910	258,910
	ASW SUPPORT EQUIPMENT		
108	SSN COMBAT CONTROL SYSTEMS	173,770	173,770
109	ASW SUPPORT EQUIPMENT	26,584	26,584
	OTHER ORDNANCE SUPPORT EQUIPMENT		
110	EXPLOSIVE ORDNANCE DISPOSAL EQUIP	7,470	7,470
111	ITEMS LESS THAN \$5 MILLION	6,356	6,356
	OTHER EXPENDABLE ORDNANCE		
112	ANTI-SHIP MISSILE DECOY SYSTEM	86,356	86,356
113	SUBMARINE TRAINING DEVICE MODS	69,240	69,240
114	SURFACE TRAINING EQUIPMENT	192,245	192,245
	CIVIL ENGINEERING SUPPORT EQUIPMENT		
115	PASSENGER CARRYING VEHICLES	6,123	6,123
116	GENERAL PURPOSE TRUCKS	2,693	2,693
117	CONSTRUCTION & MAINTENANCE EQUIP	47,301	47,301
118	FIRE FIGHTING EQUIPMENT	10,352	10,352
119	TACTICAL VEHICLES	31,475	31,475
121	POLLUTION CONTROL EQUIPMENT	2,630	2,630
122	ITEMS LESS THAN \$5 MILLION	47,972	47,972
123	PHYSICAL SECURITY VEHICLES	1,171	1,171
	SUPPLY SUPPORT EQUIPMENT		
124	SUPPLY EQUIPMENT	19,693	19,693
125	FIRST DESTINATION TRANSPORTATION	4,956	4,956
126	SPECIAL PURPOSE SUPPLY SYSTEMS	668,639	638,639
	Program decrease		[-30,000]
	TRAINING DEVICES		
127	TRAINING SUPPORT EQUIPMENT	4,026	4,026
128	TRAINING AND EDUCATION EQUIPMENT	73,454	73,454
	COMMAND SUPPORT EQUIPMENT		
129	COMMAND SUPPORT EQUIPMENT	32,390	32,390
130	MEDICAL SUPPORT EQUIPMENT	974	974
132	NAVAL MIP SUPPORT EQUIPMENT	5,606	5,606
133	OPERATING FORCES SUPPORT EQUIPMENT	16,024	16,024
134	CAISR EQUIPMENT	6,697	6,697
135	ENVIRONMENTAL SUPPORT EQUIPMENT	27,503	27,503
136	PHYSICAL SECURITY EQUIPMENT	138,281	138,281
137	ENTERPRISE INFORMATION TECHNOLOGY	42,680	42,680
	OTHER		
140	NEXT GENERATION ENTERPRISE SERVICE	184,443	184,443
141	CYBERSPACE ACTIVITIES	16,523	16,523
	CLASSIFIED PROGRAMS		
41A	CLASSIFIED PROGRAMS	18,446	18,446
	SPARES AND REPAIR PARTS		
142	SPARES AND REPAIR PARTS	374,195	421,195
	SPY-1 battle spare		[47,000]
	TOTAL OTHER PROCUREMENT, NAVY	10,948,518	10,277,618

SEC. 4101. PROCUREMENT (In Thousands of Dollars)			
Line	Item	FY 2021 Request	House Authorized
PROCUREMENT, MARINE CORPS			
TRACKED COMBAT VEHICLES			
001	AAV7A1 PIP	87,476	87,476
002	AMPHIBIOUS COMBAT VEHICLE FAMILY OF VEHICLES	478,874	478,874
003	LAV PIP	41,988	41,988
ARTILLERY AND OTHER WEAPONS			
004	155MM LIGHTWEIGHT TOWED HOWITZER	59	59
005	ARTILLERY WEAPONS SYSTEM	174,687	234,337
	Ground Based Anti-Ship Missiles—USMC UPL		[59,650]
006	WEAPONS AND COMBAT VEHICLES UNDER \$5 MILLION	24,867	24,867
OTHER SUPPORT			
007	MODIFICATION KITS	3,067	0
	USMC funds identified excess to need		[-3,067]
GUIDED MISSILES			
008	GROUND BASED AIR DEFENSE	18,920	18,920
009	ANTI-ARMOR MISSILE-JAVELIN	19,888	19,888
010	FAMILY ANTI-ARMOR WEAPON SYSTEMS (FOAAWS)	21,891	21,891
011	ANTI-ARMOR MISSILE-TOW	34,985	34,985
012	GUIDED MLRS ROCKET (GMLRS)	133,689	133,689
COMMAND AND CONTROL SYSTEMS			
013	COMMON AVIATION COMMAND AND CONTROL SYSTEM (C	35,057	35,057
REPAIR AND TEST EQUIPMENT			
014	REPAIR AND TEST EQUIPMENT	24,405	24,405
OTHER SUPPORT (TEL)			
015	MODIFICATION KITS	1,006	1,006
COMMAND AND CONTROL SYSTEM (NON-TEL)			
016	ITEMS UNDER \$5 MILLION (COMM & ELEC)	69,725	69,725
017	AIR OPERATIONS C2 SYSTEMS	15,611	15,611
RADAR + EQUIPMENT (NON-TEL)			
019	GROUND/AIR TASK ORIENTED RADAR (G/ATOR)	284,283	284,283
INTELL/COMM EQUIPMENT (NON-TEL)			
020	GCSS-MC	1,587	1,587
021	FIRE SUPPORT SYSTEM	24,934	24,934
022	INTELLIGENCE SUPPORT EQUIPMENT	50,728	50,728
024	UNMANNED AIR SYSTEMS (INTEL)	24,853	24,853
025	DCGS-MC	38,260	38,260
026	UAS PAYLOADS	5,489	5,489
OTHER SUPPORT (NON-TEL)			
029	NEXT GENERATION ENTERPRISE NETWORK (NGEN)	78,922	78,922
030	COMMON COMPUTER RESOURCES	35,349	35,349
031	COMMAND POST SYSTEMS	33,713	33,713
032	RADIO SYSTEMS	343,250	343,250
033	COMM SWITCHING & CONTROL SYSTEMS	40,627	40,627
034	COMM & ELEC INFRASTRUCTURE SUPPORT	43,782	43,782
035	CYBERSPACE ACTIVITIES	53,896	53,896
CLASSIFIED PROGRAMS			
36A	CLASSIFIED PROGRAMS	3,797	3,797
ADMINISTRATIVE VEHICLES			
037	COMMERCIAL CARGO VEHICLES	22,460	22,460
TACTICAL VEHICLES			
038	MOTOR TRANSPORT MODIFICATIONS	10,739	10,739
039	JOINT LIGHT TACTICAL VEHICLE	381,675	381,675
040	FAMILY OF TACTICAL TRAILERS	2,963	2,963
ENGINEER AND OTHER EQUIPMENT			
042	ENVIRONMENTAL CONTROL EQUIP ASSORT	385	385
043	TACTICAL FUEL SYSTEMS	501	501
044	POWER EQUIPMENT ASSORTED	23,430	23,430
045	AMPHIBIOUS SUPPORT EQUIPMENT	5,752	5,752
046	EOD SYSTEMS	20,939	20,939
MATERIALS HANDLING EQUIPMENT			
047	PHYSICAL SECURITY EQUIPMENT	23,063	23,063
GENERAL PROPERTY			
048	FIELD MEDICAL EQUIPMENT	4,187	4,187
049	TRAINING DEVICES	101,765	101,765
050	FAMILY OF CONSTRUCTION EQUIPMENT	19,305	19,305
051	ULTRA-LIGHT TACTICAL VEHICLE (ULTV)	678	678
OTHER SUPPORT			
052	ITEMS LESS THAN \$5 MILLION	9,174	9,174
SPARES AND REPAIR PARTS			
053	SPARES AND REPAIR PARTS	27,295	27,295
TOTAL PROCUREMENT, MARINE CORPS		2,903,976	2,960,559
AIRCRAFT PROCUREMENT, AIR FORCE			
TACTICAL FORCES			
001	P-35	4,567,018	4,236,018
	Excess depot standup funding		[-22,000]
	Excess miscellaneous support costs		[-156,000]
	Excess production engineering support		[-10,000]

SEC. 4101. PROCUREMENT (In Thousands of Dollars)			
Line	Item	FY 2021 Request	House Authorized
	F135 affordability challenges		[-48,000]
	Lot 15 target cost savings		[-75,000]
	Unjustified ALIS funding		[-20,000]
002	F-35 AP	610,800	610,800
004	F-15EX	1,269,847	1,269,847
005	F-15EX AP	133,500	133,500
	TACTICAL AIRLIFT		
007	KC-46A MDAP	2,850,151	2,308,151
	Decrease quantity by three aircraft		[-462,000]
	Spares excess to need due to quantity decrease		[-40,000]
	Wing Air Refueling Pods early to need		[-40,000]
	OTHER AIRLIFT		
008	C-130J	37,131	37,131
010	MC-130J	362,807	362,807
011	MC-130J AP	39,987	29,987
	FY22 quantity reduction		[-10,000]
	HELICOPTERS		
012	UH-1N REPLACEMENT	194,016	194,016
013	COMBAT RESCUE HELICOPTER	973,473	973,473
	MISSION SUPPORT AIRCRAFT		
015	CIVIL AIR PATROL A/C	2,811	11,211
	Program Increase		[8,400]
	OTHER AIRCRAFT		
016	TARGET DRONES	133,273	133,273
018	COMPASS CALL	161,117	291,117
	Program increase		[130,000]
020	MQ-9	29,409	120,209
	Program increase		[108,000]
	Unjustified request		[-17,200]
	STRATEGIC AIRCRAFT		
022	B-1	3,853	3,853
023	B-2A	31,476	31,476
024	B-1B	21,808	1,808
	Slow modernization execution		[-20,000]
025	B-52	53,949	22,249
	GPS IU early to need		[-28,700]
	Tactical data link contract delay		[-3,000]
026	LARGE AIRCRAFT INFRARED COUNTERMEASURES	9,999	9,999
	TACTICAL AIRCRAFT		
027	A-10	135,793	135,793
028	E-11 BACN/HAG	33,645	33,645
029	F-15	349,304	349,304
030	F-16	615,760	615,760
032	F-22A	387,905	361,705
	Contract delays		[-26,200]
033	F-35 MODIFICATIONS	322,185	290,485
	Block IV/TR3 delays		[-31,700]
034	F-15 EPAW	31,995	27,195
	Concurrency		[-4,800]
035	INCREMENT 3 2B	5,889	5,889
036	KC-46A MDAP	24,085	9,085
	Excessive airworthiness directives and service bulletins		[-15,000]
	AIRLIFT AIRCRAFT		
037	C-5	62,108	50,008
	Unjustified PMA cost growth		[-12,100]
038	C-17A	66,798	56,798
	BLOS ahead of need		[-10,000]
040	C-32A	2,947	2,947
041	C-37A	12,985	5,985
	SATCOM installs ahead of need		[-7,000]
	TRAINER AIRCRAFT		
042	GLIDER MODS	977	977
043	T-6	26,829	26,829
044	T-1	4,465	4,465
045	T-38	36,806	36,806
	OTHER AIRCRAFT		
046	U-2 MODS	110,618	110,618
047	KC-10A (ATCA)	117	117
049	VC-25A MOD	1,983	1,983
050	C-40	9,252	7,252
	SATCOM installs ahead of need		[-2,000]
051	C-130	5,871	136,071
	AMP 1 excess to need		[-3,800]
	Eight-bladed propeller upgrade kits only		[55,000]
	T-56 3.5 engine mod		[79,000]
052	C-130J MODS	140,032	140,032
053	C-135	88,250	86,450
	Other government cost growth		[-1,800]

SEC. 4101. PROCUREMENT (In Thousands of Dollars)			
Line	Item	FY 2021 Request	House Authorized
055	COMPASS CALL	193,389	193,389
057	RC-135	191,332	191,332
058	E-3	172,141	172,141
059	E-4	58,803	58,803
060	E-8	11,037	38,037
	Program increase		[27,000]
061	AIRBORNE WARNING AND CNTRL SYS (AWACS) 40/45	53,343	53,343
062	FAMILY OF BEYOND LINE-OF-SIGHT TERMINALS	1,573	1,573
063	H-1	4,410	4,410
064	H-60	44,538	44,538
065	RQ-4 MODS	40,468	40,468
066	HC/MC-130 MODIFICATIONS	20,780	20,780
067	OTHER AIRCRAFT	100,774	100,774
068	MQ-9 MODS	188,387	188,387
070	CV-22 MODS	122,306	328,506
	SOCOM UPL		[206,200]
	AIRCRAFT SPARES AND REPAIR PARTS		
071	INITIAL SPARES/REPAIR PARTS	926,683	915,383
	Unobligated balances—F-16s		[−11,300]
	COMMON SUPPORT EQUIPMENT		
073	AIRCRAFT REPLACEMENT SUPPORT EQUIP	132,719	132,719
	POST PRODUCTION SUPPORT		
074	B-2A	1,683	1,683
075	B-2B	46,734	46,734
076	B-52	1,034	1,034
079	E-11 BACN/HAG	63,419	63,419
080	F-15	2,632	2,632
081	F-16	14,163	14,163
083	OTHER AIRCRAFT	4,595	4,595
084	RQ-4 POST PRODUCTION CHARGES	32,585	32,585
	INDUSTRIAL PREPAREDNESS		
085	INDUSTRIAL RESPONSIVENESS	18,215	18,215
	WAR CONSUMABLES		
086	WAR CONSUMABLES	36,046	36,046
	OTHER PRODUCTION CHARGES		
087	OTHER PRODUCTION CHARGES	1,439,640	1,439,640
	CLASSIFIED PROGRAMS		
89A	CLASSIFIED PROGRAMS	21,692	21,692
	TOTAL AIRCRAFT PROCUREMENT, AIR FORCE	17,908,145	17,444,145
	MISSILE PROCUREMENT, AIR FORCE		
	MISSILE REPLACEMENT EQUIPMENT—BALLISTIC		
001	MISSILE REPLACEMENT EQ-BALLISTIC	75,012	75,012
	TACTICAL		
002	REPLAC EQUIP & WAR CONSUMABLES	4,495	4,495
004	JOINT AIR-SURFACE STANDOFF MISSILE	475,949	475,949
005	LRASMO	19,800	19,800
006	SIDEWINDER (AIM-9X)	164,769	164,769
007	AMRAAM	453,223	453,223
008	PREDATOR HELLFIRE MISSILE	40,129	40,129
009	SMALL DIAMETER BOMB	45,475	45,475
010	SMALL DIAMETER BOMB II	273,272	273,272
	INDUSTRIAL FACILITIES		
011	INDUSTRIAL PREPAREDNS/POL PREVENTION	814	814
	CLASS IV		
013	ICBM FUZE MOD	3,458	3,458
014	ICBM FUZE MOD AP	43,450	43,450
015	MM III MODIFICATIONS	85,310	85,310
016	AGM-65D MAVERICK	298	298
017	AIR LAUNCH CRUISE MISSILE (ALCM)	52,924	52,924
	MISSILE SPARES AND REPAIR PARTS		
018	MSL SPRS/REPAIR PARTS (INITIAL)	9,402	9,402
019	MSL SPRS/REPAIR PARTS (REPLEN)	84,671	84,671
	SPECIAL PROGRAMS		
025	SPECIAL UPDATE PROGRAMS	23,501	23,501
	CLASSIFIED PROGRAMS		
25A	CLASSIFIED PROGRAMS	540,465	540,465
	TOTAL MISSILE PROCUREMENT, AIR FORCE	2,396,417	2,396,417
	PROCUREMENT OF AMMUNITION, AIR FORCE		
	ROCKETS		
001	ROCKETS	14,962	14,962
	CARTRIDGES		
002	CARTRIDGES	123,365	123,365
	BOMBS		
003	PRACTICE BOMBS	59,725	59,725
006	JOINT DIRECT ATTACK MUNITION	206,989	206,989
007	B61	35,634	35,634

SEC. 4101. PROCUREMENT (In Thousands of Dollars)			
Line	Item	FY 2021 Request	House Authorized
	OTHER ITEMS		
009	CAD/PAD	47,830	47,830
010	EXPLOSIVE ORDNANCE DISPOSAL (EOD)	6,232	6,232
011	SPARES AND REPAIR PARTS	542	542
012	MODIFICATIONS	1,310	1,310
013	ITEMS LESS THAN \$5,000,000	4,753	4,753
	FLARES		
015	FLARES	40,088	40,088
	FUZES		
016	FUZES	40,983	40,983
	SMALL ARMS		
017	SMALL ARMS	13,925	13,925
	TOTAL PROCUREMENT OF AMMUNITION, AIR FORCE	596,338	596,338
	PROCUREMENT, SPACE FORCE		
	SPACE PROCUREMENT, SF		
001	ADVANCED EHF	14,823	14,823
002	AF SATELLITE COMM SYSTEM	48,326	43,326
	Insufficient justification		[-5,000]
003	COUNTERSPACE SYSTEMS	65,540	57,540
	Insufficient justification		[-8,000]
004	FAMILY OF BEYOND LINE-OF-SIGHT TERMINALS	66,190	66,190
005	GENERAL INFORMATION TECH—SPACE	3,299	3,299
006	GPSIII FOLLOW ON	627,796	612,796
	Unjustified growth		[-15,000]
007	GPS III SPACE SEGMENT	20,122	20,122
008	GLOBAL POSITIONING (SPACE)	2,256	2,256
009	SPACEBORNE EQUIP (COMSEC)	35,495	35,495
010	MILSATCOM	15,795	15,795
011	SBIR HIGH (SPACE)	160,891	160,891
012	SPECIAL SPACE ACTIVITIES	78,387	78,387
013	NATIONAL SECURITY SPACE LAUNCH	1,043,171	1,043,171
014	NUDET DETECTION SYSTEM	6,638	6,638
015	ROCKET SYSTEMS LAUNCH PROGRAM	47,741	47,741
016	SPACE FENCE	11,279	11,279
017	SPACE MODS	96,551	86,551
	Insufficient justification		[-10,000]
018	SPACELIFT RANGE SYSTEM SPACE	100,492	100,492
	SPARES		
019	SPARES AND REPAIR PARTS	1,272	1,272
	TOTAL PROCUREMENT, SPACE FORCE	2,446,064	2,408,064
	OTHER PROCUREMENT, AIR FORCE		
	PASSENGER CARRYING VEHICLES		
001	PASSENGER CARRYING VEHICLES	9,016	9,016
	CARGO AND UTILITY VEHICLES		
002	MEDIUM TACTICAL VEHICLE	15,058	15,058
003	CAP VEHICLES	1,059	1,800
	Program increase		[741]
004	CARGO AND UTILITY VEHICLES	38,920	38,920
	SPECIAL PURPOSE VEHICLES		
005	JOINT LIGHT TACTICAL VEHICLE	30,544	30,544
006	SECURITY AND TACTICAL VEHICLES	319	319
007	SPECIAL PURPOSE VEHICLES	43,157	36,881
	Unjustified request		[-6,276]
	FIRE FIGHTING EQUIPMENT		
008	FIRE FIGHTING/CRASH RESCUE VEHICLES	8,621	8,621
	MATERIALS HANDLING EQUIPMENT		
009	MATERIALS HANDLING VEHICLES	12,897	12,897
	BASE MAINTENANCE SUPPORT		
010	RUNWAY SNOW REMOV AND CLEANING EQU	3,577	3,577
011	BASE MAINTENANCE SUPPORT VEHICLES	43,095	43,095
	COMM SECURITY EQUIPMENT(COMSEC)		
013	COMSEC EQUIPMENT	54,864	54,864
	INTELLIGENCE PROGRAMS		
014	INTERNATIONAL INTEL TECH & ARCHITECTURES	9,283	9,283
015	INTELLIGENCE TRAINING EQUIPMENT	6,849	6,849
016	INTELLIGENCE COMM EQUIPMENT	33,471	33,471
	ELECTRONICS PROGRAMS		
017	AIR TRAFFIC CONTROL & LANDING SYS	29,409	29,409
018	BATTLE CONTROL SYSTEM—FIXED	7,909	7,909
019	THEATER AIR CONTROL SYS IMPROVEMEN	32,632	32,632
020	WEATHER OBSERVATION FORECAST	33,021	33,021
021	STRATEGIC COMMAND AND CONTROL	31,353	31,353
022	CHEYENNE MOUNTAIN COMPLEX	10,314	10,314
023	MISSION PLANNING SYSTEMS	15,132	15,132
025	INTEGRATED STRAT PLAN & ANALY NETWORK (ISPAN)	9,806	9,806
	SPCL COMM-ELECTRONICS PROJECTS		

SEC. 4101. PROCUREMENT (In Thousands of Dollars)			
Line	Item	FY 2021 Request	House Authorized
026	GENERAL INFORMATION TECHNOLOGY	39,887	39,887
027	AF GLOBAL COMMAND & CONTROL SYS	2,602	2,602
029	MOBILITY COMMAND AND CONTROL	10,541	10,541
030	AIR FORCE PHYSICAL SECURITY SYSTEM	96,277	96,277
031	COMBAT TRAINING RANGES	195,185	195,185
032	MINIMUM ESSENTIAL EMERGENCY COMM N	29,664	29,664
033	WIDE AREA SURVEILLANCE (WAS)	59,633	59,633
034	C3 COUNTERMEASURES	105,584	105,584
036	DEFENSE ENTERPRISE ACCOUNTING & MGT SYS	899	899
038	THEATER BATTLE MGT C2 SYSTEM	3,392	3,392
039	AIR & SPACE OPERATIONS CENTER (AOC)	24,983	24,983
	AIR FORCE COMMUNICATIONS		
041	BASE INFORMATION TRANSPIT INFRASIT (BITI) WIRED	19,147	19,147
042	AFNET	84,515	84,515
043	JOINT COMMUNICATIONS SUPPORT ELEMENT (JCSE)	6,185	6,185
044	USCENTCOM	19,649	19,649
045	USSTRATCOM	4,337	4,337
	ORGANIZATION AND BASE		
046	TACTICAL C-E EQUIPMENT	137,033	137,033
047	RADIO EQUIPMENT	15,264	15,264
049	BASE COMM INFRASTRUCTURE	132,281	132,281
	MODIFICATIONS		
050	COMM ELECT MODS	21,471	21,471
	PERSONAL SAFETY & RESCUE EQUIP		
051	PERSONAL SAFETY AND RESCUE EQUIPMENT	49,578	49,578
	DEPOT PLANT+MTRLS HANDLING EQ		
052	POWER CONDITIONING EQUIPMENT	11,454	11,454
053	MECHANIZED MATERIAL HANDLING EQUIP	12,110	12,110
	BASE SUPPORT EQUIPMENT		
054	BASE PROCURED EQUIPMENT	21,142	21,142
055	ENGINEERING AND EOD EQUIPMENT	7,700	7,700
056	MOBILITY EQUIPMENT	18,266	18,266
057	FUELS SUPPORT EQUIPMENT (FSE)	9,601	9,601
058	BASE MAINTENANCE AND SUPPORT EQUIPMENT	42,078	35,078
	Unjustified request		[-7,000]
	SPECIAL SUPPORT PROJECTS		
060	DARP RC135	27,164	27,164
061	DCGS-AF	121,528	121,528
063	SPECIAL UPDATE PROGRAM	782,641	782,641
	CLASSIFIED PROGRAMS		
63A	CLASSIFIED PROGRAMS	21,086,112	21,026,112
	Program adjustment		[-60,000]
	SPARES AND REPAIR PARTS		
064	SPARES AND REPAIR PARTS (CYBER)	1,664	1,664
065	SPARES AND REPAIR PARTS	15,847	15,847
	TOTAL OTHER PROCUREMENT, AIR FORCE	23,695,720	23,623,185
	PROCUREMENT, DEFENSE-WIDE		
	MAJOR EQUIPMENT, DCMA		
002	MAJOR EQUIPMENT	1,398	1,398
	MAJOR EQUIPMENT, DCSA		
003	MAJOR EQUIPMENT	2,212	2,212
	MAJOR EQUIPMENT, DHRA		
005	PERSONNEL ADMINISTRATION	4,213	4,213
	MAJOR EQUIPMENT, DISA		
011	INFORMATION SYSTEMS SECURITY	17,211	17,211
012	TELEPORT PROGRAM	29,841	29,841
013	JOINT FORCES HEADQUARTERS—DODIN	3,091	3,091
014	ITEMS LESS THAN \$5 MILLION	41,569	41,569
016	DEFENSE INFORMATION SYSTEM NETWORK	26,978	26,978
017	WHITE HOUSE COMMUNICATION AGENCY	44,161	44,161
018	SENIOR LEADERSHIP ENTERPRISE	35,935	35,935
019	JOINT REGIONAL SECURITY STACKS (JRSS)	88,741	8,741
	Program decrease		[-80,000]
020	JOINT SERVICE PROVIDER	157,538	157,538
021	FOURTH ESTATE NETWORK OPTIMIZATION (4ENO)	42,084	42,084
	MAJOR EQUIPMENT, DLA		
023	MAJOR EQUIPMENT	417,459	417,459
	MAJOR EQUIPMENT, DMACT		
024	MAJOR EQUIPMENT	7,993	7,993
	MAJOR EQUIPMENT, DODEA		
025	AUTOMATION/EDUCATIONAL SUPPORT & LOGISTICS	1,319	1,319
	MAJOR EQUIPMENT, DPAA		
026	MAJOR EQUIPMENT, DPAA	500	500
	MAJOR EQUIPMENT, DEFENSE SECURITY COOPERATION AGENCY		
027	REGIONAL CENTER PROCUREMENT	1,598	1,598
	MAJOR EQUIPMENT, DEFENSE THREAT REDUCTION AGENCY		

SEC. 4101. PROCUREMENT (In Thousands of Dollars)			
Line	Item	FY 2021 Request	House Authorized
028	VEHICLES	215	215
029	OTHER MAJOR EQUIPMENT	9,994	9,994
	MAJOR EQUIPMENT, MISSILE DEFENSE AGENCY		
031	THAAD	495,396	601,396
	THAAD battery #8		[106,000]
034	AEGIS BMD	356,195	356,195
035	AEGIS BMD AP	44,901	44,901
037	SM-3 ILAS	218,322	333,322
	Increase SM-3 Block IIA quantities		[115,000]
038	ARROW 3 UPPER TIER SYSTEMS	77,000	77,000
039	SHORT RANGE BALLISTIC MISSILE DEFENSE (SRBMD)	50,000	50,000
040	AEGIS ASHORE PHASE III	39,114	39,114
041	IRON DOME	73,000	73,000
042	AEGIS BMD HARDWARE AND SOFTWARE	104,241	104,241
	MAJOR EQUIPMENT, NSA		
048	INFORMATION SYSTEMS SECURITY PROGRAM (ISSP)	101	101
	MAJOR EQUIPMENT, OSD		
049	MAJOR EQUIPMENT, OSD	3,099	3,099
	MAJOR EQUIPMENT, TJS		
050	MAJOR EQUIPMENT, TJS	8,329	8,329
051	MAJOR EQUIPMENT—TJS CYBER	1,247	1,247
	MAJOR EQUIPMENT, WHS		
053	MAJOR EQUIPMENT, WHS	515	515
	CLASSIFIED PROGRAMS		
54A	CLASSIFIED PROGRAMS	554,264	554,264
	AVIATION PROGRAMS		
055	ARMED OVERWATCH/TARGETING	101,000	21,000
	Program decrease		[−80,000]
059	ROTARY WING UPGRADES AND SUSTAINMENT	211,041	211,041
060	UNMANNED ISR	25,488	20,488
	Program decrease		[−5,000]
061	NON-STANDARD AVIATION	61,874	56,874
	Program decrease		[−5,000]
062	U-28	3,825	3,825
063	MH-47 CHINOOK	135,482	135,482
064	CV-22 MODIFICATION	14,829	14,829
065	MQ-9 UNMANNED AERIAL VEHICLE	6,746	6,746
066	PRECISION STRIKE PACKAGE	243,111	238,111
	Program decrease		[−5,000]
067	AC/MC-130J	163,914	163,914
068	C-130 MODIFICATIONS	20,414	20,414
	SHIPBUILDING		
069	UNDERWATER SYSTEMS	20,556	20,556
	AMMUNITION PROGRAMS		
070	ORDNANCE ITEMS <\$5M	186,197	186,197
	OTHER PROCUREMENT PROGRAMS		
071	INTELLIGENCE SYSTEMS	94,982	94,982
072	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	11,645	11,645
073	OTHER ITEMS <\$5M	96,333	96,333
074	COMBATANT CRAFT SYSTEMS	17,278	17,278
075	SPECIAL PROGRAMS	78,865	71,365
	Program decrease		[−7,500]
076	TACTICAL VEHICLES	30,158	30,158
077	WARRIOR SYSTEMS <\$5M	260,733	260,733
078	COMBAT MISSION REQUIREMENTS	19,848	19,848
079	GLOBAL VIDEO SURVEILLANCE ACTIVITIES	2,401	2,401
080	OPERATIONAL ENHANCEMENTS INTELLIGENCE	13,861	8,861
	Program decrease		[−5,000]
081	OPERATIONAL ENHANCEMENTS	247,038	242,038
	Program decrease		[−5,000]
	CBDP		
082	CHEMICAL BIOLOGICAL SITUATIONAL AWARENESS	147,150	147,150
083	CB PROTECTION & HAZARD MITIGATION	149,944	149,944
	TOTAL PROCUREMENT, DEFENSE-WIDE	5,324,487	5,352,987
	TOTAL PROCUREMENT	130,684,160	132,632,847

1 **SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY**2 **OPERATIONS.**

SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS (In Thousands of Dollars)			
Line	Item	FY 2021 Request	House Authorized
	AIRCRAFT PROCUREMENT, ARMY		
	ROTARY		
009	AH-64 APACHE BLOCK IIIB NEW BUILD	69,154	64,354
	Unjustified costs		[-4,800]
014	CH-47 HELICOPTER	50,472	50,472
	MODIFICATION OF AIRCRAFT		
017	MQ-1 PAYLOAD (MIP)	5,968	5,968
020	MULTI SENSOR ABN RECON (MIP)	122,520	122,520
025	EMARSS SEMA MODS (MIP)	26,460	26,460
030	DEGRADED VISUAL ENVIRONMENT	1,916	1,916
	GROUND SUPPORT AVIONICS		
037	CMWS	149,162	149,162
038	COMMON INFRARED COUNTERMEASURES (CIRCUM)	32,400	32,400
	OTHER SUPPORT		
041	AIRCREW INTEGRATED SYSTEMS	3,028	3,028
	TOTAL AIRCRAFT PROCUREMENT, ARMY	461,080	456,280
	MISSILE PROCUREMENT, ARMY		
	SURFACE-TO-AIR MISSILE SYSTEM		
002	M-SHORAD—PROCUREMENT	158,300	158,300
003	MSE MISSILE	176,585	176,585
	AIR-TO-SURFACE MISSILE SYSTEM		
006	HELLFIRE SYS SUMMARY	236,265	236,265
	ANTI-TANK/ASSAULT MISSILE SYS		
011	GUIDED MLRS ROCKET (GMLRS)	127,015	127,015
015	LETHAL MINIATURE AERIAL MISSILE SYSTEM (LMAMS)	84,993	84,993
	MODIFICATIONS		
017	ATACMS MODS	78,434	78,434
022	MLRS MODS	20,000	20,000
	TOTAL MISSILE PROCUREMENT, ARMY	881,592	881,592
	PROCUREMENT OF W&TCV, ARMY		
	WEAPONS & OTHER COMBAT VEHICLES		
016	MULTI-ROLE ANTI-ARMOR ANTI-PERSONNEL WEAPON S	4,765	4,765
018	MORTAR SYSTEMS	10,460	10,460
	TOTAL PROCUREMENT OF W&TCV, ARMY	15,225	15,225
	PROCUREMENT OF AMMUNITION, ARMY		
	SMALL/MEDIUM CAL AMMUNITION		
001	CTG, 5.56MM, ALL TYPES	567	567
002	CTG, 7.62MM, ALL TYPES	40	40
004	CTG, HANDGUN, ALL TYPES	17	17
005	CTG, .50 CAL, ALL TYPES	189	189
008	CTG, 30MM, ALL TYPES	24,900	24,900
	ARTILLERY AMMUNITION		
016	PROJ 155MM EXTENDED RANGE M982	29,213	29,213
017	ARTILLERY PROPELLANTS, FUZES AND PRIMERS, ALL	21,675	21,675
	ROCKETS		
020	SHOULDER LAUNCHED MUNITIONS, ALL TYPES	176	176
021	ROCKET, HYDRA 70, ALL TYPES	33,880	33,880
	MISCELLANEOUS		
029	ITEMS LESS THAN \$5 MILLION (AMMO)	11	11
	TOTAL PROCUREMENT OF AMMUNITION, ARMY	110,668	110,668
	OTHER PROCUREMENT, ARMY		
	TACTICAL VEHICLES		
013	FAMILY OF HEAVY TACTICAL VEHICLES (FHTV)	6,500	6,500
014	PLS ESP	15,163	15,163
017	TACTICAL WHEELED VEHICLE PROTECTION KITS	27,066	27,066
	COMM—SATELLITE COMMUNICATIONS		
030	TRANSPORTABLE TACTICAL COMMAND COMMUNICATIONS	2,700	2,700
032	ASSURED POSITIONING, NAVIGATION AND TIMING	12,566	12,566
033	SMART-T (SPACE)	289	289
034	GLOBAL BRDCST SVC—GBS	319	319
	COMM—COMBAT COMMUNICATIONS		
045	FAMILY OF MED COMM FOR COMBAT CASUALTY CARE	1,257	1,257
	COMM—INTELLIGENCE COMM		
048	CI AUTOMATION ARCHITECTURE (MIP)	1,230	1,230
	INFORMATION SECURITY		
052	COMMUNICATIONS SECURITY (COMSEC)	128	128
	COMM—BASE COMMUNICATIONS		
058	INFORMATION SYSTEMS	15,277	15,277
062	INSTALLATION INFO INFRASTRUCTURE MOD PROGRAM	74,004	74,004

SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS (In Thousands of Dollars)			
Line	Item	FY 2021 Request	House Authorized
	ELECT EQUIP—TACT INT REL ACT (TIARA)		
068	DCGS-A (MIP)	47,709	47,709
070	TROJAN (MIP)	1,766	1,766
071	MOD OF IN-SVC EQUIP (INTEL SPT) (MIP)	61,450	61,450
073	BIOMETRIC TACTICAL COLLECTION DEVICES (MIP)	12,337	12,337
	ELECT EQUIP—ELECTRONIC WARFARE (EW)		
080	FAMILY OF PERSISTENT SURVEILLANCE CAP. (MIP)	44,293	44,293
081	COUNTERINTELLIGENCE/SECURITY COUNTERMEASURES	49,100	49,100
	ELECT EQUIP—TACTICAL SURV. (TAC SURV)		
083	SENTINEL MODS	33,496	33,496
084	NIGHT VISION DEVICES	643	643
087	RADIATION MONITORING SYSTEMS	11	11
088	INDIRECT FIRE PROTECTION FAMILY OF SYSTEMS	37,000	37,000
094	COMPUTER BALLISTICS: LHMCB XM32	280	280
095	MORTAR FIRE CONTROL SYSTEM	13,672	13,672
	ELECT EQUIP—TACTICAL C2 SYSTEMS		
100	AIR & MSL DEFENSE PLANNING & CONTROL SYS	15,143	15,143
	ELECT EQUIP—AUTOMATION		
109	ARMY TRAINING MODERNIZATION	4,688	4,688
110	AUTOMATED DATA PROCESSING EQUIP	16,552	16,552
	CHEMICAL DEFENSIVE EQUIPMENT		
121	FAMILY OF NON-LETHAL EQUIPMENT (FNLE)	25,480	25,480
122	BASE DEFENSE SYSTEMS (BDS)	98,960	98,960
123	CBRN DEFENSE	18,887	18,887
	BRIDGING EQUIPMENT		
125	TACTICAL BRIDGING	50,400	50,400
	ENGINEER (NON-CONSTRUCTION) EQUIPMENT		
137	RENDER SAFE SETS KITS OUTFITS	84,000	84,000
	COMBAT SERVICE SUPPORT EQUIPMENT		
140	HEATERS AND ECUS	370	370
142	PERSONNEL RECOVERY SUPPORT SYSTEM (PRSS)	3,721	3,721
145	FORCE PROVIDER	56,400	56,400
146	FIELD FEEDING EQUIPMENT	2,279	2,279
147	CARGO AERIAL DEL & PERSONNEL PARACHUTE SYSTEM	2,040	2,040
	PETROLEUM EQUIPMENT		
150	DISTRIBUTION SYSTEMS, PETROLEUM & WATER	4,374	4,374
	MEDICAL EQUIPMENT		
151	COMBAT SUPPORT MEDICAL	6,390	6,390
	MAINTENANCE EQUIPMENT		
152	MOBILE MAINTENANCE EQUIPMENT SYSTEMS	7,769	7,769
153	ITEMS LESS THAN \$5.0M (MAINT EQ)	184	184
	CONSTRUCTION EQUIPMENT		
156	LOADERS	3,190	3,190
157	HYDRAULIC EXCAVATOR	7,600	7,600
158	TRACTOR, FULL TRACKED	7,450	7,450
160	HIGH MOBILITY ENGINEER EXCAVATOR (HMEE)	3,703	3,703
162	CONST EQUIP ESP	657	657
	GENERATORS		
167	GENERATORS AND ASSOCIATED EQUIP	106	106
	MATERIAL HANDLING EQUIPMENT		
169	FAMILY OF FORKLIFTS	1,885	1,885
	OTHER SUPPORT EQUIPMENT		
180	RAPID EQUIPPING SOLDIER SUPPORT EQUIPMENT	8,500	8,500
181	PHYSICAL SECURITY SYSTEMS (OPA3)	3,248	3,248
185	BUILDING, PRE-FAB, RELOCATABLE	31,845	31,845
	TOTAL OTHER PROCUREMENT, ARMY	924,077	924,077
	AIRCRAFT PROCUREMENT, NAVY		
	OTHER AIRCRAFT		
024	STUASLO UAV	7,921	7,921
	MODIFICATION OF AIRCRAFT		
053	COMMON ECM EQUIPMENT	3,474	3,474
055	COMMON DEFENSIVE WEAPON SYSTEM	3,339	3,339
064	QRC	18,507	18,507
	TOTAL AIRCRAFT PROCUREMENT, NAVY	33,241	33,241
	WEAPONS PROCUREMENT, NAVY		
	TACTICAL MISSILES		
012	HELLFIRE	5,572	5,572
	TOTAL WEAPONS PROCUREMENT, NAVY	5,572	5,572
	PROCUREMENT OF AMMO, NAVY & MC		
	NAVY AMMUNITION		
001	GENERAL PURPOSE BOMBS	8,068	8,068
002	JDAM	15,529	15,529
003	AIRBORNE ROCKETS, ALL TYPES	23,000	23,000
004	MACHINE GUN AMMUNITION	22,600	22,600
006	CARTRIDGES & CART ACTUATED DEVICES	3,927	3,927

SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS (In Thousands of Dollars)			
Line	Item	FY 2021 Request	House Authorized
007	AIR EXPENDABLE COUNTERMEASURES	15,978	15,978
008	JATOS	2,100	2,100
011	OTHER SHIP GUN AMMUNITION	2,611	2,611
012	SMALL ARMS & LANDING PARTY AMMO	1,624	1,624
013	PYROTECHNIC AND DEMOLITION	505	505
	TOTAL PROCUREMENT OF AMMO, NAVY & MC	95,942	95,942
	OTHER PROCUREMENT, NAVY		
	SMALL BOATS		
028	STANDARD BOATS	19,104	19,104
	OTHER SHIP SUPPORT		
035	SMALL & MEDIUM UUV	2,946	2,946
	ASW ELECTRONIC EQUIPMENT		
043	FIXED SURVEILLANCE SYSTEM	213,000	213,000
	SONOBUOYS		
092	SONOBUOYS—ALL TYPES	26,196	26,196
	AIRCRAFT SUPPORT EQUIPMENT		
095	AIRCRAFT SUPPORT EQUIPMENT	60,217	60,217
	OTHER ORDNANCE SUPPORT EQUIPMENT		
110	EXPLOSIVE ORDNANCE DISPOSAL EQUIP	2,124	2,124
	CIVIL ENGINEERING SUPPORT EQUIPMENT		
115	PASSENGER CARRYING VEHICLES	177	177
116	GENERAL PURPOSE TRUCKS	416	416
118	FIRE FIGHTING EQUIPMENT	801	801
	SUPPLY SUPPORT EQUIPMENT		
125	FIRST DESTINATION TRANSPORTATION	520	520
	TRAINING DEVICES		
128	TRAINING AND EDUCATION EQUIPMENT	11,500	11,500
	COMMAND SUPPORT EQUIPMENT		
130	MEDICAL SUPPORT EQUIPMENT	3,525	3,525
136	PHYSICAL SECURITY EQUIPMENT	3,000	3,000
	TOTAL OTHER PROCUREMENT, NAVY	343,526	343,526
	PROCUREMENT, MARINE CORPS		
	GUIDED MISSILES		
012	GUIDED MLRS ROCKET (GMLRS)	17,456	17,456
	OTHER SUPPORT (TEL)		
015	MODIFICATION KITS	4,200	4,200
	INTELL/COMM EQUIPMENT (NON-TEL)		
022	INTELLIGENCE SUPPORT EQUIPMENT	10,124	10,124
	TACTICAL VEHICLES		
038	MOTOR TRANSPORT MODIFICATIONS	16,183	16,183
	TOTAL PROCUREMENT, MARINE CORPS	47,963	47,963
	AIRCRAFT PROCUREMENT, AIR FORCE		
	HELICOPTERS		
013	COMBAT RESCUE HELICOPTER	174,000	174,000
	OTHER AIRCRAFT		
020	MQ-9	142,490	142,490
021	RQ-20B PUMA	13,770	13,770
	STRATEGIC AIRCRAFT		
026	LARGE AIRCRAFT INFRARED COUNTERMEASURES	57,521	57,521
	OTHER AIRCRAFT		
046	U-2 MODS	9,600	9,600
055	COMPASS CALL	12,800	12,800
066	HC/MC-130 MODIFICATIONS	58,020	58,020
069	MQ-9 UAS PAYLOADS	46,100	63,500
	WAMI combat loss replacement		[17,400]
070	CV-22 MODS	6,290	6,290
	AIRCRAFT SPARES AND REPAIR PARTS		
071	INITIAL SPARES/REPAIR PARTS	10,700	10,700
072	MQ-9	12,250	12,250
	COMMON SUPPORT EQUIPMENT		
073	AIRCRAFT REPLACEMENT SUPPORT EQUIP	25,614	25,614
	TOTAL AIRCRAFT PROCUREMENT, AIR FORCE	569,155	586,555
	MISSILE PROCUREMENT, AIR FORCE		
	TACTICAL		
004	JOINT AIR-SURFACE STANDOFF MISSILE	30,000	30,000
008	PREDATOR HELLFIRE MISSILE	143,420	143,420
009	SMALL DIAMETER BOMB	50,352	50,352
	TOTAL MISSILE PROCUREMENT, AIR FORCE	223,772	223,772
	PROCUREMENT OF AMMUNITION, AIR FORCE		
	ROCKETS		
001	ROCKETS	19,489	19,489
	CARTRIDGES		
002	CARTRIDGES	40,434	40,434

SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS (In Thousands of Dollars)			
Line	Item	FY 2021 Request	House Authorized
	BOMBS		
004	GENERAL PURPOSE BOMBS	369,566	369,566
006	JOINT DIRECT ATTACK MUNITION	237,723	237,723
	FLARES		
015	FLARES	21,171	21,171
	FUZES		
016	FUZES	107,855	107,855
	SMALL ARMS		
017	SMALL ARMS	6,217	6,217
	TOTAL PROCUREMENT OF AMMUNITION, AIR FORCE	802,455	802,455
	OTHER PROCUREMENT, AIR FORCE		
	PASSENGER CARRYING VEHICLES		
001	PASSENGER CARRYING VEHICLES	1,302	1,302
	CARGO AND UTILITY VEHICLES		
002	MEDIUM TACTICAL VEHICLE	3,400	3,400
004	CARGO AND UTILITY VEHICLES	12,475	12,475
	SPECIAL PURPOSE VEHICLES		
005	JOINT LIGHT TACTICAL VEHICLE	26,150	26,150
007	SPECIAL PURPOSE VEHICLES	51,254	51,254
	FIRE FIGHTING EQUIPMENT		
008	FIRE FIGHTING/CRASH RESCUE VEHICLES	24,903	24,903
	MATERIALS HANDLING EQUIPMENT		
009	MATERIALS HANDLING VEHICLES	14,167	14,167
	BASE MAINTENANCE SUPPORT		
010	RUNWAY SNOW REMOV AND CLEANING EQU	5,759	5,759
011	BASE MAINTENANCE SUPPORT VEHICLES	20,653	20,653
	SPCL COMM-ELECTRONICS PROJECTS		
026	GENERAL INFORMATION TECHNOLOGY	5,100	5,100
030	AIR FORCE PHYSICAL SECURITY SYSTEM	56,496	56,496
	ORGANIZATION AND BASE		
049	BASE COMM INFRASTRUCTURE	30,717	30,717
	BASE SUPPORT EQUIPMENT		
055	ENGINEERING AND EOD EQUIPMENT	13,172	13,172
056	MOBILITY EQUIPMENT	33,694	33,694
057	FUELS SUPPORT EQUIPMENT (FSE)	1,777	1,777
058	BASE MAINTENANCE AND SUPPORT EQUIPMENT	31,620	31,620
	SPECIAL SUPPORT PROJECTS		
061	DCGS-AF	18,700	18,700
	SPARES AND REPAIR PARTS		
065	SPARES AND REPAIR PARTS	4,000	4,000
	TOTAL OTHER PROCUREMENT, AIR FORCE	355,339	355,339
	PROCUREMENT, DEFENSE-WIDE		
	MAJOR EQUIPMENT, DISA		
016	DEFENSE INFORMATION SYSTEM NETWORK	6,120	6,120
	MAJOR EQUIPMENT, DEFENSE THREAT REDUCTION AGENCY		
030	COUNTER IMPROVISED THREAT TECHNOLOGIES	2,540	2,540
	CLASSIFIED PROGRAMS		
54A	CLASSIFIED PROGRAMS	3,500	3,500
	AVIATION PROGRAMS		
056	MANNED ISR	5,000	45,100
	Combat loss replacement—DHC-8		[40,100]
057	MC-12	5,000	5,000
060	UNMANNED ISR	8,207	8,207
	AMMUNITION PROGRAMS		
070	ORDNANCE ITEMS <\$5M	105,355	105,355
	OTHER PROCUREMENT PROGRAMS		
071	INTELLIGENCE SYSTEMS	16,234	16,234
073	OTHER ITEMS <\$5M	984	984
076	TACTICAL VEHICLES	2,990	2,990
077	WARRIOR SYSTEMS <\$5M	32,573	37,573
	Development of autonomous, multi-sensor cUAS capabilities with kinetic effects		[5,000]
078	COMBAT MISSION REQUIREMENTS	10,000	10,000
080	OPERATIONAL ENHANCEMENTS INTELLIGENCE	6,724	6,724
081	OPERATIONAL ENHANCEMENTS	53,264	53,264
	TOTAL PROCUREMENT, DEFENSE-WIDE	258,491	303,591
	NATIONAL GUARD AND RESERVE EQUIPMENT ACCOUNT		
	UNDISTRIBUTED		
007	UNDISTRIBUTED		150,000
	Program increase		[150,000]
	TOTAL NATIONAL GUARD AND RESERVE EQUIPMENT ACCOUNT		150,000
	TOTAL NATIONAL GUARD AND RESERVE EQUIPMENT		150,000
	TOTAL PROCUREMENT	5,128,098	5,485,798

1 **TITLE XLII—RESEARCH, DEVELOPMENT, TEST, AND EVALUATION**

2 **SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION.**

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION (In Thousands of Dollars)				
Line	Program Element	Item	FY 2021 Request	House Authorized
RESEARCH, DEVELOPMENT, TEST & EVAL, ARMY				
BASIC RESEARCH				
002	0601102A	DEFENSE RESEARCH SCIENCES	303,257	308,257
		Counter-UAS Army research lab		[5,000]
003	0601103A	UNIVERSITY RESEARCH INITIATIVES	67,148	67,148
004	0601104A	UNIVERSITY AND INDUSTRY RESEARCH CENTERS	87,877	96,877
		Automotive research center modeling and simulation		[5,000]
		Biotechnology advancements		[4,000]
005	0601121A	CYBER COLLABORATIVE RESEARCH ALLIANCE	5,077	5,077
		SUBTOTAL BASIC RESEARCH	463,359	477,359
APPLIED RESEARCH				
007	0602115A	BIOMEDICAL TECHNOLOGY	11,835	11,835
011	0602134A	COUNTER IMPROVISED-THREAT ADVANCED STUDIES	2,000	2,000
012	0602141A	LETHALITY TECHNOLOGY	42,425	47,425
		Next generation additive manufacturing and 3-D printed electronics		[5,000]
013	0602142A	ARMY APPLIED RESEARCH	30,757	30,757
014	0602143A	SOLDIER LETHALITY TECHNOLOGY	125,435	132,435
		HEROES program increase		[5,000]
		Syn-bio enabled functional materials for the soldier		[2,000]
015	0602144A	GROUND TECHNOLOGY	28,047	45,047
		Cold weather military research		[2,000]
		Materials recovery technologies for defense supply resiliency		[10,000]
		Polymeric composites via cold spray additive manufacturing		[5,000]
016	0602145A	NEXT GENERATION COMBAT VEHICLE TECHNOLOGY	217,565	217,565
017	0602146A	NETWORK C3I TECHNOLOGY	114,404	122,404
		Alternative positioning navigation and timing		[5,000]
		Sensor and electronic network initiatives		[3,000]
018	0602147A	LONG RANGE PRECISION FIRES TECHNOLOGY	60,553	60,553
019	0602148A	FUTURE VERTICLE LIFT TECHNOLOGY	96,484	96,484
020	0602150A	AIR AND MISSILE DEFENSE TECHNOLOGY	56,298	76,298
		Advanced tracking and targeting capability		[5,000]
		High energy laser technology		[5,000]
		Radar research		[5,000]
		UAS threat detection		[5,000]
022	0602213A	C3I APPLIED CYBER	18,816	18,816
040	0602785A	MANPOWER/PERSONNEL/TRAINING TECHNOLOGY	20,766	20,766
042	0602787A	MEDICAL TECHNOLOGY	95,496	95,496
		SUBTOTAL APPLIED RESEARCH	920,881	977,881
ADVANCED TECHNOLOGY DEVELOPMENT				
044	0603002A	MEDICAL ADVANCED TECHNOLOGY	38,896	38,896
049	0603007A	MANPOWER, PERSONNEL AND TRAINING ADVANCED TECHNOLOGY	11,659	11,659
052	0603115A	MEDICAL DEVELOPMENT	27,723	27,723
053	0603117A	ARMY ADVANCED TECHNOLOGY DEVELOPMENT	62,663	62,663
054	0603118A	SOLDIER LETHALITY ADVANCED TECHNOLOGY	109,608	118,608
		Advanced AI/AA analytics for modernization and readiness		[5,000]
		Anthropomorphic study for body armor modernization		[4,000]
055	0603119A	GROUND ADVANCED TECHNOLOGY	14,795	23,295
		Rapid entry and sustainment for the arctic		[5,000]
		Survivability and energy reduction of hard shelters		[3,500]
059	0603134A	COUNTER IMPROVISED-THREAT SIMULATION	25,000	25,000
063	0603457A	C3I CYBER ADVANCED DEVELOPMENT	23,357	23,357
064	0603461A	HIGH PERFORMANCE COMPUTING MODERNIZATION PROGRAM	188,024	188,024
065	0603462A	NEXT GENERATION COMBAT VEHICLE ADVANCED TECHNOLOGY	199,358	201,358
		Cyber security support for vehicle development		[2,000]
066	0603463A	NETWORK C3I ADVANCED TECHNOLOGY	158,608	163,608
		Tactical geospatial information development		[5,000]
067	0603464A	LONG RANGE PRECISION FIRES ADVANCED TECHNOLOGY	121,060	131,060
		Hypervelocity projectile		[10,000]

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION (In Thousands of Dollars)				
Line	Program Element	Item	FY 2021 Request	House Authorized
068	0603465A	FUTURE VERTICAL LIFT ADVANCED TECHNOLOGY	156,194	156,194
069	0603466A	AIR AND MISSILE DEFENSE ADVANCED TECHNOLOGY	58,130	63,130
		Program acceleration		[5,000]
077	0603920A	HUMANITARIAN DEMINING	8,515	8,515
		SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT	1,203,590	1,243,090
ADVANCED COMPONENT DEVELOPMENT & PROTO-TYPES				
078	0603305A	ARMY MISSILE DEFENSE SYSTEMS INTEGRATION	11,062	21,062
		Accelerated test and integration		[10,000]
079	0603308A	ARMY SPACE SYSTEMS INTEGRATION	26,230	26,230
080	0603327A	AIR AND MISSILE DEFENSE SYSTEMS ENGINEERING	26,482	26,482
081	0603619A	LANDMINE WARFARE AND BARRIER—ADV DEV	64,092	66,092
		MICLIC replacement development		[2,000]
083	0603639A	TANK AND MEDIUM CALIBER AMMUNITION	92,753	92,753
084	0603645A	ARMORED SYSTEM MODERNIZATION—ADV DEV	151,478	178,978
		Fuel cell powered vehicle development		[15,000]
		Modeling and Simulation support for vehicle development		[12,500]
085	0603747A	SOLDIER SUPPORT AND SURVIVABILITY	5,841	5,841
086	0603766A	TACTICAL ELECTRONIC SURVEILLANCE SYSTEM—ADV DEV	194,775	194,775
087	0603774A	NIGHT VISION SYSTEMS ADVANCED DEVELOPMENT	24,316	24,316
088	0603779A	ENVIRONMENTAL QUALITY TECHNOLOGY—DEM/VAL	13,387	13,387
089	0603790A	NATO RESEARCH AND DEVELOPMENT	4,762	4,762
090	0603801A	AVIATION—ADV DEV	647,937	647,937
091	0603804A	LOGISTICS AND ENGINEER EQUIPMENT—ADV DEV	4,761	4,761
092	0603807A	MEDICAL SYSTEMS—ADV DEV	28,520	28,520
093	0603827A	SOLDIER SYSTEMS—ADVANCED DEVELOPMENT	26,138	23,138
		IHPS program delays		[−3,000]
094	0604017A	ROBOTICS DEVELOPMENT	121,207	115,407
		Program reduction		[−5,800]
096	0604021A	ELECTRONIC WARFARE TECHNOLOGY MATURATION (MIP)	22,840	22,840
097	0604035A	LOW EARTH ORBIT (LEO) SATELLITE CAPABILITY	22,678	22,678
098	0604100A	ANALYSIS OF ALTERNATIVES	10,082	10,082
099	0604101A	SMALL UNMANNED AERIAL VEHICLE (SUAV) (6.4)	1,378	1,378
100	0604113A	FUTURE TACTICAL UNMANNED AIRCRAFT SYSTEM (FTUAS)	40,083	40,083
101	0604114A	LOWER TIER AIR MISSILE DEFENSE (LTAMD) SENSOR	376,373	376,373
102	0604115A	TECHNOLOGY MATURATION INITIATIVES	156,834	156,834
103	0604117A	MANEUVER—SHORT RANGE AIR DEFENSE (M-SHORAD)	4,995	4,995
105	0604119A	ARMY ADVANCED COMPONENT DEVELOPMENT & PROTOTYPING	170,490	170,490
106	0604120A	ASSURED POSITIONING, NAVIGATION AND TIMING (PNT)	128,125	128,125
107	0604121A	SYNTHETIC TRAINING ENVIRONMENT REFINEMENT & PROTOTYPING	129,547	129,547
108	0604134A	COUNTER IMPROVISED-THREAT DEMONSTRATION, PROTOTYPE DEVELOPMENT, AND TESTING	13,831	13,831
109	0604182A	HYPERSONICS	801,417	801,417
111	0604403A	FUTURE INTERCEPTOR	7,992	7,992
112	0604541A	UNIFIED NETWORK TRANSPORT	40,677	40,677
115	0305251A	CYBERSPACE OPERATIONS FORCES AND FORCE SUPPORT	50,525	50,525
		SUBTOTAL ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES	3,421,608	3,452,308
SYSTEM DEVELOPMENT & DEMONSTRATION				
118	0604201A	AIRCRAFT AVIONICS	2,764	2,764
119	0604270A	ELECTRONIC WARFARE DEVELOPMENT	62,426	62,426
121	0604601A	INFANTRY SUPPORT WEAPONS	91,574	98,574
		Advanced gunner protection kit development		[2,000]
		Soldier Enhancement Program		[5,000]
122	0604604A	MEDIUM TACTICAL VEHICLES	8,523	8,523
123	0604611A	JAVELIN	7,493	7,493
124	0604622A	FAMILY OF HEAVY TACTICAL VEHICLES	24,792	24,792
125	0604633A	AIR TRAFFIC CONTROL	3,511	3,511
126	0604642A	LIGHT TACTICAL WHEELED VEHICLES	1,976	1,976
127	0604645A	ARMORED SYSTEMS MODERNIZATION (ASM)—ENG DEV	135,488	135,488
128	0604710A	NIGHT VISION SYSTEMS—ENG DEV	61,445	61,445
129	0604713A	COMBAT FEEDING, CLOTHING, AND EQUIPMENT	2,814	2,814
130	0604715A	NON-SYSTEM TRAINING DEVICES—ENG DEV	28,036	28,036
131	0604741A	AIR DEFENSE COMMAND, CONTROL AND INTELLIGENCE—ENG DEV	43,651	39,651
		Army identified funds excess to need		[−4,000]
132	0604742A	CONSTRUCTIVE SIMULATION SYSTEMS DEVELOPMENT	10,150	10,150
133	0604746A	AUTOMATIC TEST EQUIPMENT DEVELOPMENT	5,578	5,578
134	0604760A	DISTRIBUTIVE INTERACTIVE SIMULATIONS (DIS)—ENG DEV	7,892	7,892
135	0604768A	BRILLIANT ANTI-ARMOR SUBUNIT (BAT)	24,975	24,975
136	0604780A	COMBINED ARMS TACTICAL TRAINER (CATT) CORE	3,568	3,568
137	0604798A	BRIGADE ANALYSIS, INTEGRATION AND EVALUATION	19,268	19,268
138	0604802A	WEAPONS AND MUNITIONS—ENG DEV	265,811	265,811
139	0604804A	LOGISTICS AND ENGINEER EQUIPMENT—ENG DEV	49,694	49,694
140	0604805A	COMMAND, CONTROL, COMMUNICATIONS SYSTEMS—ENG DEV	11,079	11,079

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION (In Thousands of Dollars)				
Line	Program Element	Item	FY 2021 Request	House Authorized
141	0604807A	MEDICAL MATERIEL/MEDICAL BIOLOGICAL DEFENSE EQUIPMENT—ENG DEV.	49,870	49,870
142	0604808A	LANDMINE WARFARE/BARRIER—ENG DEV	9,589	9,589
143	0604818A	ARMY TACTICAL COMMAND & CONTROL HARDWARE & SOFTWARE.	162,513	152,513
		Command post integrated infrastructure contract delay		[-10,000]
144	0604820A	RADAR DEVELOPMENT	109,259	109,259
145	0604822A	GENERAL FUND ENTERPRISE BUSINESS SYSTEM (GFEBS)	21,201	21,201
146	0604823A	FIREFINDER	20,008	16,808
		Prior year carry-over		[-3,200]
147	0604827A	SOLDIER SYSTEMS—WARRIOR DEM/VAL	6,534	6,534
148	0604852A	SUITE OF SURVIVABILITY ENHANCEMENT SYSTEMS—EMD	82,459	109,380
		Prior year carry-over		[-5,079]
		Program increase for vehicle protection systems		[32,000]
149	0604854A	ARTILLERY SYSTEMS—EMD	11,611	11,611
150	0605013A	INFORMATION TECHNOLOGY DEVELOPMENT	142,678	137,678
		Reprioritization		[-5,000]
151	0605018A	INTEGRATED PERSONNEL AND PAY SYSTEM-ARMY (IPPS-A)	115,286	115,286
152	0605028A	ARMORED MULTI-PURPOSE VEHICLE (AMPV)	96,594	76,594
		Army identified funds excess to need		[-20,000]
154	0605030A	JOINT TACTICAL NETWORK CENTER (JTNC)	16,264	16,264
155	0605031A	JOINT TACTICAL NETWORK (JTN)	31,696	31,696
157	0605033A	GROUND-BASED OPERATIONAL SURVEILLANCE SYSTEM—EX-PEDITIONARY (GBOSS-E).	5,976	5,976
159	0605035A	COMMON INFRARED COUNTERMEASURES (CIRCM)	23,321	23,321
161	0605038A	NUCLEAR BIOLOGICAL CHEMICAL RECONNAISSANCE VEHICLE (NBCRV) SENSOR SUITE.	4,846	4,846
162	0605041A	DEFENSIVE CYBER TOOL DEVELOPMENT	28,544	28,544
163	0605042A	TACTICAL NETWORK RADIO SYSTEMS (LOW-TIER)	28,178	28,178
164	0605047A	CONTRACT WRITING SYSTEM	22,860	22,860
166	0605051A	AIRCRAFT SURVIVABILITY DEVELOPMENT	35,893	35,893
167	0605052A	INDIRECT FIRE PROTECTION CAPABILITY INC 2—BLOCK 1	235,770	187,970
		Army identified funds excess to need		[-47,800]
168	0605053A	GROUND ROBOTICS	13,710	13,710
169	0605054A	EMERGING TECHNOLOGY INITIATIVES	294,739	294,739
170	0605145A	MEDICAL PRODUCTS AND SUPPORT SYSTEMS DEVELOPMENT	954	954
171	0605203A	ARMY SYSTEM DEVELOPMENT & DEMONSTRATION	150,201	150,201
172	0605205A	SMALL UNMANNED AERIAL VEHICLE (SUAV) (6.5)	5,999	5,999
174	0605450A	JOINT AIR-TO-GROUND MISSILE (JAGM)	8,891	8,891
175	0605457A	ARMY INTEGRATED AIR AND MISSILE DEFENSE (AAMD)	193,929	193,929
176	0605625A	MANNED GROUND VEHICLE	327,732	244,732
		Army identified funds excess to need		[-83,000]
177	0605766A	NATIONAL CAPABILITIES INTEGRATION (MIP)	7,670	7,670
178	0605812A	JOINT LIGHT TACTICAL VEHICLE (JLTV) ENGINEERING AND MANUFACTURING DEVELOPMENT PH.	1,742	1,742
179	0605830A	AVIATION GROUND SUPPORT EQUIPMENT	1,467	1,467
180	0303032A	TROJAN—RH12	3,451	3,451
183	0304270A	ELECTRONIC WARFARE DEVELOPMENT	55,855	55,855
		SUBTOTAL SYSTEM DEVELOPMENT & DEMONSTRATION.	3,199,798	3,060,719
		MANAGEMENT SUPPORT		
185	0604256A	THREAT SIMULATOR DEVELOPMENT	14,515	14,515
186	0604258A	TARGET SYSTEMS DEVELOPMENT	10,668	10,668
187	0604759A	MAJOR T&E INVESTMENT	106,270	106,270
188	0605103A	RAND ARROYO CENTER	13,481	13,481
189	0605301A	ARMY KWAJALEIN ATOLL	231,824	231,824
190	0605326A	CONCEPTS EXPERIMENTATION PROGRAM	54,898	54,898
192	0605601A	ARMY TEST RANGES AND FACILITIES	350,359	350,359
193	0605602A	ARMY TECHNICAL TEST INSTRUMENTATION AND TARGETS	48,475	62,975
		Aviation component testing		[5,000]
		Testing additive manufacturing technology		[9,500]
194	0605604A	SURVIVABILITY/LETHALITY ANALYSIS	36,001	36,001
195	0605606A	AIRCRAFT CERTIFICATION	2,736	2,736
196	0605702A	METEOROLOGICAL SUPPORT TO RDT&E ACTIVITIES	6,488	6,488
197	0605706A	MATERIEL SYSTEMS ANALYSIS	21,859	21,859
198	0605709A	EXPLOITATION OF FOREIGN ITEMS	7,936	7,936
199	0605712A	SUPPORT OF OPERATIONAL TESTING	54,470	54,470
200	0605716A	ARMY EVALUATION CENTER	63,141	63,141
201	0605718A	ARMY MODELING & SIM X-CMD COLLABORATION & INTEG	2,572	2,572
202	0605801A	PROGRAMWIDE ACTIVITIES	87,472	87,472
203	0605803A	TECHNICAL INFORMATION ACTIVITIES	26,244	26,244
204	0605805A	MUNITIONS STANDARDIZATION, EFFECTIVENESS AND SAFETY	40,133	45,133
		Program acceleration		[5,000]
205	0605857A	ENVIRONMENTAL QUALITY TECHNOLOGY MGMT SUPPORT	1,780	1,780
206	0605898A	ARMY DIRECT REPORT HEADQUARTERS—R&D - MHA	55,045	55,045
208	0606002A	RONALD REAGAN BALLISTIC MISSILE DEFENSE TEST SITE	71,306	71,306
209	0606003A	COUNTERINTEL AND HUMAN INTEL MODERNIZATION	1,063	1,063

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION (In Thousands of Dollars)				
Line	Program Element	Item	FY 2021 Request	House Authorized
210	0606105A	MEDICAL PROGRAM-WIDE ACTIVITIES	19,891	19,891
211	0606942A	ASSESSMENTS AND EVALUATIONS CYBER VULNERABILITIES	4,496	4,496
		SUBTOTAL MANAGEMENT SUPPORT	1,333,123	1,352,623
OPERATIONAL SYSTEMS DEVELOPMENT				
214	0603778A	MLRS PRODUCT IMPROVEMENT PROGRAM	10,157	10,157
216	0605024A	ANTI-TAMPER TECHNOLOGY SUPPORT	8,682	8,682
217	0607131A	WEAPONS AND MUNITIONS PRODUCT IMPROVEMENT PROGRAMS.	20,409	20,409
219	0607134A	LONG RANGE PRECISION FIRES (LRPF)	122,733	56,633
		Program reduction		[−66,100]
221	0607136A	BLACKHAWK PRODUCT IMPROVEMENT PROGRAM	11,236	16,236
		Thermoplastic drive shafts		[5,000]
222	0607137A	CHINOOK PRODUCT IMPROVEMENT PROGRAM	46,091	51,091
		Carbon composite materials for wheels and brakes		[5,000]
224	0607139A	IMPROVED TURBINE ENGINE PROGRAM	249,257	249,257
225	0607142A	AVIATION ROCKET SYSTEM PRODUCT IMPROVEMENT AND DEVELOPMENT.	17,155	17,155
226	0607143A	UNMANNED AIRCRAFT SYSTEM UNIVERSAL PRODUCTS	7,743	7,743
227	0607145A	APACHE FUTURE DEVELOPMENT	77,177	77,177
228	0607150A	INTEL CYBER DEVELOPMENT	14,652	14,652
229	0607312A	ARMY OPERATIONAL SYSTEMS DEVELOPMENT	35,851	35,851
230	0607665A	FAMILY OF BIOMETRICS	1,324	1,324
231	0607865A	PATRIOT PRODUCT IMPROVEMENT	187,840	187,840
232	0203728A	JOINT AUTOMATED DEEP OPERATION COORDINATION SYSTEM (JADOCs).	44,691	44,691
233	0203735A	COMBAT VEHICLE IMPROVEMENT PROGRAMS	268,919	263,252
		CROWS-J program delay		[−5,667]
234	0203743A	155MM SELF-PROPELLED HOWITZER IMPROVEMENTS	427,254	420,963
		Prior year carry-over		[−6,291]
235	0203744A	AIRCRAFT MODIFICATIONS/PRODUCT IMPROVEMENT PROGRAMS.	11,688	7,688
		Early to need		[−4,000]
236	0203752A	AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM	80	80
237	0203758A	DIGITIZATION	4,516	4,516
238	0203801A	MISSILE/AIR DEFENSE PRODUCT IMPROVEMENT PROGRAM	1,288	1,288
239	0203802A	OTHER MISSILE PRODUCT IMPROVEMENT PROGRAMS	79,424	79,424
243	0205412A	ENVIRONMENTAL QUALITY TECHNOLOGY—OPERATIONAL SYSTEM DEV.	259	259
244	0205456A	LOWER TIER AIR AND MISSILE DEFENSE (AMD) SYSTEM	166	166
245	0205778A	GUIDED MULTIPLE-LAUNCH ROCKET SYSTEM (GMLRS)	75,575	75,575
246	0208053A	JOINT TACTICAL GROUND SYSTEM	9,510	9,510
249	0303140A	INFORMATION SYSTEMS SECURITY PROGRAM	29,270	29,270
250	0303141A	GLOBAL COMBAT SUPPORT SYSTEM	86,908	86,908
251	0303142A	SATCOM GROUND ENVIRONMENT (SPACE)	18,684	18,684
256	0305179A	INTEGRATED BROADCAST SERVICE (IBS)	467	467
257	0305204A	TACTICAL UNMANNED AERIAL VEHICLES	4,051	4,051
258	0305206A	AIRBORNE RECONNAISSANCE SYSTEMS	13,283	13,283
259	0305208A	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	47,204	47,204
264	0708045A	END ITEM INDUSTRIAL PREPAREDNESS ACTIVITIES	61,012	67,012
		6.8mm projectile development		[4,000]
		Lightweight film armor development		[2,000]
266A	999999999	CLASSIFIED PROGRAMS	3,983	3,983
		SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT ..	1,998,539	1,932,481
SOFTWARE AND DIGITAL TECHNOLOGY PILOT PROGRAMS				
267	0608041A	DEFENSIVE CYBER—SOFTWARE PROTOTYPE DEVELOPMENT	46,445	46,445
		SUBTOTAL SOFTWARE AND DIGITAL TECHNOLOGY PILOT PROGRAMS.	46,445	46,445
TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, ARMY.			12,587,343	12,542,906
RESEARCH, DEVELOPMENT, TEST & EVAL, NAVY BASIC RESEARCH				
001	0601103N	UNIVERSITY RESEARCH INITIATIVES	116,816	121,816
		Navy Defense University Research Instrumentation program increase		[5,000]
002	0601152N	IN-HOUSE LABORATORY INDEPENDENT RESEARCH	19,113	19,113
003	0601153N	DEFENSE RESEARCH SCIENCES	467,158	467,158
		SUBTOTAL BASIC RESEARCH	603,087	608,087
APPLIED RESEARCH				
004	0602114N	POWER PROJECTION APPLIED RESEARCH	17,792	17,792
005	0602123N	FORCE PROTECTION APPLIED RESEARCH	122,281	147,281
		Additive manufacturing of unmanned maritime systems		[5,000]
		Cyber physical security and resiliency research		[5,000]
		Expeditionary unmanned systems launch and recovery		[5,000]

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION (In Thousands of Dollars)				
Line	Program Element	Item	FY 2021 Request	House Authorized
		<i>Talent and technology for power and energy systems</i>		[5,000]
		<i>Unmanned logistics technology</i>		[5,000]
006	0602131M	MARINE CORPS LANDING FORCE TECHNOLOGY	50,623	50,623
007	0602235N	COMMON PICTURE APPLIED RESEARCH	48,001	48,001
008	0602236N	WARFIGHTER SUSTAINMENT APPLIED RESEARCH	67,765	77,765
		<i>High mobility ground robots</i>		[5,000]
		<i>Robotics in complex unstructured environments</i>		[5,000]
009	0602271N	ELECTROMAGNETIC SYSTEMS APPLIED RESEARCH	84,994	84,994
010	0602435N	OCEAN WARFIGHTING ENVIRONMENT APPLIED RESEARCH	63,392	73,392
		<i>Extreme weather events research</i>		[5,000]
		<i>Program increase</i>		[5,000]
011	0602651M	JOINT NON-LETHAL WEAPONS APPLIED RESEARCH	6,343	6,343
012	0602747N	UNDERSEA WARFARE APPLIED RESEARCH	56,397	86,397
		<i>Academic partnerships for undersea vehicle research</i>		[5,000]
		<i>Autonomous undersea robotics</i>		[10,000]
		<i>Cross-domain autonomy for persistent maritime operations</i>		[10,000]
		<i>Expandable structures for operational effectiveness research</i>		[5,000]
013	0602750N	FUTURE NAVAL CAPABILITIES APPLIED RESEARCH	167,590	167,590
014	0602782N	MINE AND EXPEDITIONARY WARFARE APPLIED RESEARCH	30,715	30,715
015	0602792N	INNOVATIVE NAVAL PROTOTYPES (INP) APPLIED RESEARCH	160,537	160,537
016	0602861N	SCIENCE AND TECHNOLOGY MANAGEMENT—ONR FIELD ACTIVITIES.	76,745	76,745
		SUBTOTAL APPLIED RESEARCH	953,175	1,028,175
		ADVANCED TECHNOLOGY DEVELOPMENT		
017	0603123N	FORCE PROTECTION ADVANCED TECHNOLOGY	24,410	29,410
		<i>Additive manufacturing</i>		[5,000]
018	0603271N	ELECTROMAGNETIC SYSTEMS ADVANCED TECHNOLOGY	8,008	8,008
019	0603640M	USMC ADVANCED TECHNOLOGY DEMONSTRATION (ATD)	219,045	249,045
		<i>Expeditionary autonomous logistics</i>		[5,000]
		<i>Heavy payload solar powered UAS</i>		[20,000]
		<i>Modular Advanced Armed Robotic System</i>		[5,000]
020	0603651M	JOINT NON-LETHAL WEAPONS TECHNOLOGY DEVELOPMENT	13,301	13,301
021	0603673N	FUTURE NAVAL CAPABILITIES ADVANCED TECHNOLOGY DEVELOPMENT.	246,054	246,054
022	0603680N	MANUFACTURING TECHNOLOGY PROGRAM	60,122	60,122
023	0603729N	WARFIGHTER PROTECTION ADVANCED TECHNOLOGY	4,851	4,851
024	0603758N	NAVY WARFIGHTING EXPERIMENTS AND DEMONSTRATIONS	40,709	40,709
025	0603782N	MINE AND EXPEDITIONARY WARFARE ADVANCED TECHNOLOGY.	1,948	1,948
026	0603801N	INNOVATIVE NAVAL PROTOTYPES (INP) ADVANCED TECHNOLOGY DEVELOPMENT.	141,948	161,948
		<i>Accelerated railgun technology maturation</i>		[20,000]
		SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT	760,396	815,396
		ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES		
027	0603178N	MEDIUM AND LARGE UNMANNED SURFACE VEHICLES (USVS) ...	464,042	270,442
		<i>EPF conversion to LUSV prototype</i>		[45,000]
		<i>Two additional Overlord vessels excess to need</i>		[−238,600]
028	0603207N	AIR/OCEAN TACTICAL APPLICATIONS	35,386	35,386
029	0603216N	AVIATION SURVIVABILITY	13,428	13,428
030	0603239N	ISO NAVAL CONSTRUCTION FORCES	2,350	2,350
031	0603251N	AIRCRAFT SYSTEMS	418	418
032	0603254N	ASW SYSTEMS DEVELOPMENT	15,719	15,719
033	0603261N	TACTICAL AIRBORNE RECONNAISSANCE	3,411	3,411
034	0603382N	ADVANCED COMBAT SYSTEMS TECHNOLOGY	70,218	70,218
035	0603502N	SURFACE AND SHALLOW WATER MINE COUNTERMEASURES	52,358	52,358
036	0603506N	SURFACE SHIP TORPEDO DEFENSE	12,816	12,816
037	0603512N	CARRIER SYSTEMS DEVELOPMENT	7,559	7,559
038	0603525N	PILOT FISH	358,757	278,557
		<i>Excess cost growth</i>		[−25,000]
		<i>Program adjustment</i>		[−55,200]
039	0603527N	RETRACT LARCH	12,562	12,562
040	0603536N	RETRACT JUNIPER	148,000	148,000
041	0603542N	RADIOLOGICAL CONTROL	778	778
042	0603553N	SURFACE ASW	1,161	1,161
043	0603561N	ADVANCED SUBMARINE SYSTEM DEVELOPMENT	185,356	90,356
		<i>Excessive accelerated development</i>		[−28,200]
		<i>Project 1 insufficient budget justification</i>		[−66,800]
044	0603562N	SUBMARINE TACTICAL WARFARE SYSTEMS	10,528	10,528
045	0603563N	SHIP CONCEPT ADVANCED DESIGN	126,396	136,396
		<i>Expeditionary sustainment and repair-related technologies</i>		[5,000]
		<i>Polymorphic build farm for open source technologies</i>		[5,000]
046	0603564N	SHIP PRELIMINARY DESIGN & FEASIBILITY STUDIES	70,270	70,270
047	0603570N	ADVANCED NUCLEAR POWER SYSTEMS	149,188	149,188
048	0603573N	ADVANCED SURFACE MACHINERY SYSTEMS	38,449	38,449
049	0603576N	CHALK EAGLE	71,181	71,181

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION (In Thousands of Dollars)				
Line	Program Element	Item	FY 2021 Request	House Authorized
050	0603581N	LITTORAL COMBAT SHIP (LCS)	32,178	32,178
051	0603582N	COMBAT SYSTEM INTEGRATION	17,843	17,843
052	0603595N	OHIO REPLACEMENT	317,196	317,196
053	0603596N	LCS MISSION MODULES	67,875	67,875
054	0603597N	AUTOMATED TEST AND ANALYSIS	4,797	4,797
055	0603599N	FRIGATE DEVELOPMENT	82,309	82,309
056	0603609N	CONVENTIONAL MUNITIONS	9,922	9,922
057	0603635M	MARINE CORPS GROUND COMBAT/SUPPORT SYSTEM	189,603	182,603
		Program delay		[-7,000]
058	0603654N	JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT	43,084	43,084
059	0603713N	OCEAN ENGINEERING TECHNOLOGY DEVELOPMENT	6,346	6,346
060	0603721N	ENVIRONMENTAL PROTECTION	20,601	20,601
061	0603724N	NAVY ENERGY PROGRAM	23,422	23,422
062	0603725N	FACILITIES IMPROVEMENT	4,664	4,664
063	0603734N	CHALK CORAL	545,763	520,763
		Excess cost growth		[-25,000]
064	0603739N	NAVY LOGISTIC PRODUCTIVITY	3,884	3,884
065	0603746N	RETRACT MAPLE	353,226	353,226
066	0603748N	LINK PLUMERIA	544,388	519,388
		Excess cost growth		[-25,000]
067	0603751N	RETRACT ELM	86,730	86,730
068	0603764M	LINK EVERGREEN	236,234	236,234
070	0603790N	NATO RESEARCH AND DEVELOPMENT	6,880	6,880
071	0603795N	LAND ATTACK TECHNOLOGY	10,578	10,578
072	0603851M	JOINT NON-LETHAL WEAPONS TESTING	28,435	28,435
073	0603860N	JOINT PRECISION APPROACH AND LANDING SYSTEMS—DEM/ VAL	33,612	33,612
074	0603925N	DIRECTED ENERGY AND ELECTRIC WEAPON SYSTEMS	128,845	216,845
		One additional system		[88,000]
075	0604014N	F/A —18 INFRARED SEARCH AND TRACK (IRST)	84,190	84,190
076	0604027N	DIGITAL WARFARE OFFICE	54,699	54,699
077	0604028N	SMALL AND MEDIUM UNMANNED UNDERSEA VEHICLES	53,942	53,942
078	0604029N	UNMANNED UNDERSEA VEHICLE CORE TECHNOLOGIES	40,060	40,060
079	0604030N	RAPID PROTOTYPING, EXPERIMENTATION AND DEMONSTRATION	12,100	12,100
080	0604031N	LARGE UNMANNED UNDERSEA VEHICLES	78,122	42,122
		Early to need, phase 1 results needed first		[-36,000]
081	0604112N	GERALD R. FORD CLASS NUCLEAR AIRCRAFT CARRIER (CVN 78—80)	107,895	107,895
082	0604126N	LITTORAL AIRBORNE MCM	17,366	17,366
083	0604127N	SURFACE MINE COUNTERMEASURES	18,754	18,754
084	0604272N	TACTICAL AIR DIRECTIONAL INFRARED COUNTERMEASURES (TADIRCM)	59,776	59,776
086	0604292N	FUTURE VERTICAL LIFT (MARITIME STRIKE)	5,097	5,097
087	0604320M	RAPID TECHNOLOGY CAPABILITY PROTOTYPE	3,664	3,664
088	0604454N	LX (R)	10,203	10,203
089	0604536N	ADVANCED UNDERSEA PROTOTYPING	115,858	105,858
		XLUV late test and evaluation award		[-10,000]
090	0604636N	COUNTER UNMANNED AIRCRAFT SYSTEMS (C-UAS)	14,259	14,259
091	0604659N	PRECISION STRIKE WEAPONS DEVELOPMENT PROGRAM	1,102,387	1,087,387
		Transition to DDG-1000—initial integration		[-15,000]
092	0604707N	SPACE AND ELECTRONIC WARFARE (SEW) ARCHITECTURE/ENGINEERING SUPPORT	7,657	7,657
093	0604786N	OFFENSIVE ANTI-SURFACE WARFARE WEAPON DEVELOPMENT	35,750	35,750
094	0303354N	ASW SYSTEMS DEVELOPMENT—MIP	9,151	9,151
095	0304240M	ADVANCED TACTICAL UNMANNED AIRCRAFT SYSTEM	22,589	6,989
		K-MAX		[7,000]
		MUX uncertain acquisition strategy		[-22,600]
097	0304270N	ELECTRONIC WARFARE DEVELOPMENT—MIP	809	809
		SUBTOTAL ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES	6,503,074	6,098,674
SYSTEM DEVELOPMENT & DEMONSTRATION				
098	0603208N	TRAINING SYSTEM AIRCRAFT	4,332	4,332
099	0604212N	OTHER HELO DEVELOPMENT	18,133	18,133
100	0604214M	AV-8B AIRCRAFT—ENG DEV	20,054	20,054
101	0604215N	STANDARDS DEVELOPMENT	4,237	4,237
102	0604216N	MULTI-MISSION HELICOPTER UPGRADE DEVELOPMENT	27,340	27,340
104	0604221N	P-3 MODERNIZATION PROGRAM	606	606
105	0604230N	WARFARE SUPPORT SYSTEM	9,065	9,065
106	0604231N	TACTICAL COMMAND SYSTEM	97,968	97,968
107	0604234N	ADVANCED HAWKEYE	309,373	309,373
108	0604245M	H-1 UPGRADES	62,310	62,310
109	0604261N	ACOUSTIC SEARCH SENSORS	47,182	47,182
110	0604262N	V-22A	132,624	132,624
111	0604264N	AIR CREW SYSTEMS DEVELOPMENT	21,445	21,445
112	0604269N	EA-18	106,134	106,134
113	0604270N	ELECTRONIC WARFARE DEVELOPMENT	134,194	134,194

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION (In Thousands of Dollars)				
Line	Program Element	Item	FY 2021 Request	House Authorized
114	0604273M	EXECUTIVE HELO DEVELOPMENT	99,321	99,321
115	0604274N	NEXT GENERATION JAMMER (NGJ)	477,680	487,680
		High band risk reduction		[10,000]
116	0604280N	JOINT TACTICAL RADIO SYSTEM—NAVY (JTRS-NAVY)	232,818	232,818
117	0604282N	NEXT GENERATION JAMMER (NGJ) INCREMENT II	170,039	170,039
118	0604307N	SURFACE COMBATANT COMBAT SYSTEM ENGINEERING	403,712	403,712
119	0604311N	LPD-17 CLASS SYSTEMS INTEGRATION	945	945
120	0604329N	SMALL DIAMETER BOMB (SDB)	62,488	62,488
121	0604366N	STANDARD MISSILE IMPROVEMENTS	386,225	359,225
		SM-6 excessive cost growth; program accountability		[−27,000]
122	0604373N	AIRBORNE MCM	10,909	10,909
123	0604378N	NAVAL INTEGRATED FIRE CONTROL—COUNTER AIR SYSTEMS ENGINEERING	44,548	44,548
124	0604419N	ADVANCED SENSORS APPLICATION PROGRAM (ASAP)	13,673	13,673
125	0604501N	ADVANCED ABOVE WATER SENSORS	87,809	87,809
126	0604503N	SSN-688 AND TRIDENT MODERNIZATION	93,097	111,097
		Submarine electronic warfare capability improvement		[18,000]
127	0604504N	AIR CONTROL	38,863	38,863
128	0604512N	SHIPBOARD AVIATION SYSTEMS	9,593	9,593
129	0604518N	COMBAT INFORMATION CENTER CONVERSION	12,718	12,718
130	0604522N	AIR AND MISSILE DEFENSE RADAR (AMDR) SYSTEM	78,319	78,319
131	0604530N	ADVANCED ARRESTING GEAR (AAG)	65,834	65,834
132	0604558N	NEW DESIGN SSN	259,443	282,943
		Accelerate design		[23,500]
133	0604562N	SUBMARINE TACTICAL WARFARE SYSTEM	63,878	63,878
134	0604567N	SHIP CONTRACT DESIGN/ LIVE FIRE T&E	51,853	51,853
135	0604574N	NAVY TACTICAL COMPUTER RESOURCES	3,853	3,853
136	0604601N	MINE DEVELOPMENT	92,607	65,107
		Forward funded in FY20		[−27,500]
137	0604610N	LIGHTWEIGHT TORPEDO DEVELOPMENT	146,012	146,012
138	0604654N	JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT	8,383	8,383
139	0604657M	USMC GROUND COMBAT/SUPPORTING ARMS SYSTEMS—ENG DEV	33,784	33,784
140	0604703N	PERSONNEL, TRAINING, SIMULATION, AND HUMAN FACTORS	8,599	8,599
141	0604727N	JOINT STANDOFF WEAPON SYSTEMS	73,744	73,744
142	0604755N	SHIP SELF DEFENSE (DETECT & CONTROL)	157,490	157,490
143	0604756N	SHIP SELF DEFENSE (ENGAGE: HARD KILL)	121,761	121,761
144	0604757N	SHIP SELF DEFENSE (ENGAGE: SOFT KILL/EW)	89,373	89,373
145	0604761N	INTELLIGENCE ENGINEERING	15,716	15,716
146	0604771N	MEDICAL DEVELOPMENT	2,120	22,120
		Distributed logistics		[10,000]
		ETEC disease research		[10,000]
147	0604777N	NAVIGATION/ID SYSTEM	50,180	50,180
148	0604800M	JOINT STRIKE FIGHTER (JSF)—EMD	561	561
149	0604800N	JOINT STRIKE FIGHTER (JSF)—EMD	250	250
150	0604850N	SSN(X)	1,000	1,000
151	0605013M	INFORMATION TECHNOLOGY DEVELOPMENT	974	974
152	0605013N	INFORMATION TECHNOLOGY DEVELOPMENT	356,173	351,173
		Unjustified growth		[−5,000]
153	0605024N	ANTI-TAMPER TECHNOLOGY SUPPORT	7,810	7,810
154	0605212M	CH-53K RDTE	406,406	406,406
155	0605215N	MISSION PLANNING	86,134	86,134
156	0605217N	COMMON AVIONICS	54,540	54,540
157	0605220N	SHIP TO SHORE CONNECTOR (SSC)	5,155	5,155
158	0605327N	T-AO 205 CLASS	5,148	5,148
159	0605414N	UNMANNED CARRIER AVIATION (UCA)	266,970	266,970
160	0605450M	JOINT AIR-TO-GROUND MISSILE (JAGM)	12,713	12,713
161	0605500N	MULTI-MISSION MARITIME AIRCRAFT (MMA)	24,424	24,424
162	0605504N	MULTI-MISSION MARITIME (MMA) INCREMENT III	182,870	182,870
163	0605611M	MARINE CORPS ASSAULT VEHICLES SYSTEM DEVELOPMENT & DEMONSTRATION	41,775	41,775
164	0605813M	JOINT LIGHT TACTICAL VEHICLE (JLTV) SYSTEM DEVELOPMENT & DEMONSTRATION	2,541	2,541
165	0304202N	DDG-1000	208,448	223,448
		Transfer from CPS—initial integration		[15,000]
169	0304785N	TACTICAL CRYPTOLOGIC SYSTEMS	111,434	111,434
170	0306250M	CYBER OPERATIONS TECHNOLOGY DEVELOPMENT	26,173	26,173
		SUBTOTAL SYSTEM DEVELOPMENT & DEMONSTRATION.	6,263,883	6,290,883
MANAGEMENT SUPPORT				
171	0604256N	THREAT SIMULATOR DEVELOPMENT	22,075	22,075
172	0604258N	TARGET SYSTEMS DEVELOPMENT	10,224	10,224
173	0604759N	MAJOR T&E INVESTMENT	85,195	85,195
175	0605152N	STUDIES AND ANALYSIS SUPPORT—NAVY	3,089	3,089
176	0605154N	CENTER FOR NAVAL ANALYSES	43,517	43,517
179	0605804N	TECHNICAL INFORMATION SERVICES	932	932
180	0605853N	MANAGEMENT, TECHNICAL & INTERNATIONAL SUPPORT	94,297	94,297

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION (In Thousands of Dollars)				
Line	Program Element	Item	FY 2021 Request	House Authorized
181	0605856N	STRATEGIC TECHNICAL SUPPORT	3,813	3,813
183	0605863N	RDT&E SHIP AND AIRCRAFT SUPPORT	104,822	104,822
184	0605864N	TEST AND EVALUATION SUPPORT	446,960	446,960
185	0605865N	OPERATIONAL TEST AND EVALUATION CAPABILITY	27,241	27,241
186	0605866N	NAVY SPACE AND ELECTRONIC WARFARE (SEW) SUPPORT	15,787	15,787
187	0605867N	SEW SURVEILLANCE/RECONNAISSANCE SUPPORT	8,559	8,559
188	0605873M	MARINE CORPS PROGRAM WIDE SUPPORT	42,749	42,749
189	0605898N	MANAGEMENT HQ—R&D	41,094	41,094
190	0606355N	WARFARE INNOVATION MANAGEMENT	37,022	37,022
193	0305327N	INSIDER THREAT	2,310	2,310
194	0902498N	MANAGEMENT HEADQUARTERS (DEPARTMENTAL SUPPORT AC- TIVITIES).	1,536	1,536
		SUBTOTAL MANAGEMENT SUPPORT	991,222	991,222
		OPERATIONAL SYSTEMS DEVELOPMENT		
199	0604227N	HARPOON MODIFICATIONS	697	697
200	0604840M	F-35 C2D2	379,549	341,649
		Block IV/TR3 upgrade delays		[-37,900]
201	0604840N	F-35 C3D2	413,875	372,475
		Block IV/TR3 upgrade delays		[-41,400]
202	0607658N	COOPERATIVE ENGAGEMENT CAPABILITY (CEC)	143,667	143,667
204	0101221N	STRATEGIC SUB & WEAPONS SYSTEM SUPPORT	173,056	173,056
205	0101224N	SSBN SECURITY TECHNOLOGY PROGRAM	45,970	45,970
206	0101226N	SUBMARINE ACOUSTIC WARFARE DEVELOPMENT	69,190	74,190
		Next-generation countermeasure acoustic device		[5,000]
207	0101402N	NAVY STRATEGIC COMMUNICATIONS	42,277	42,277
208	0204136N	F/A-18 SQUADRONS	171,030	175,030
		Jet noise reduction		[4,000]
210	0204228N	SURFACE SUPPORT	33,482	33,482
211	0204229N	TOMAHAWK AND TOMAHAWK MISSION PLANNING CENTER (TMPC).	200,308	200,308
212	0204311N	INTEGRATED SURVEILLANCE SYSTEM	102,975	102,975
213	0204313N	SHIP-TOWED ARRAY SURVEILLANCE SYSTEMS	10,873	10,873
214	0204413N	AMPHIBIOUS TACTICAL SUPPORT UNITS (DISPLACEMENT CRAFT).	1,713	1,713
215	0204460M	GROUND/AIR TASK ORIENTED RADAR (G/ATOR)	22,205	22,205
216	0204571N	CONSOLIDATED TRAINING SYSTEMS DEVELOPMENT	83,956	83,956
218	0204575N	ELECTRONIC WARFARE (EW) READINESS SUPPORT	56,791	56,791
219	0205601N	HARM IMPROVEMENT	146,166	146,166
221	0205620N	SURFACE ASW COMBAT SYSTEM INTEGRATION	29,348	29,348
222	0205632N	MK-48 ADCAP	110,349	110,349
223	0205633N	AVIATION IMPROVEMENTS	133,953	133,953
224	0205675N	OPERATIONAL NUCLEAR POWER SYSTEMS	110,313	110,313
225	0206313M	MARINE CORPS COMMUNICATIONS SYSTEMS	207,662	207,662
226	0206335M	COMMON AVIATION COMMAND AND CONTROL SYSTEM (CAC2S) ...	4,406	4,406
227	0206623M	MARINE CORPS GROUND COMBAT/SUPPORTING ARMS SYSTEMS	61,381	61,381
228	0206624M	MARINE CORPS COMBAT SERVICES SUPPORT	10,421	10,421
229	0206625M	USMC INTELLIGENCE/ELECTRONIC WARFARE SYSTEMS (MIP) ...	29,977	29,977
230	0206629M	AMPHIBIOUS ASSAULT VEHICLE	6,469	6,469
231	0207161N	TACTICAL AIM MISSILES	5,859	5,859
232	0207163N	ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM)	44,323	44,323
236	0303109N	SATELLITE COMMUNICATIONS (SPACE)	41,978	46,978
		Interference mitigation technology, test and verification		[5,000]
237	0303138N	CONSOLIDATED AFLOAT NETWORK ENTERPRISE SERVICES (CANES).	29,684	29,684
238	0303140N	INFORMATION SYSTEMS SECURITY PROGRAM	39,094	39,094
239	0305192N	MILITARY INTELLIGENCE PROGRAM (MIP) ACTIVITIES	6,154	6,154
240	0305204N	TACTICAL UNMANNED AERIAL VEHICLES	7,108	7,108
241	0305205N	UAS INTEGRATION AND INTEROPERABILITY	62,098	62,098
242	0305208M	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	21,500	21,500
244	0305220N	MQ-4C TRITON	11,120	11,120
245	0305231N	MQ-8 UAV	28,968	28,968
246	0305232M	RQ-11 UAV	537	537
247	0305234N	SMALL (LEVEL 0) TACTICAL UAS (STUASLo)	8,773	8,773
248	0305239M	RQ-21A	10,853	10,853
249	0305241N	MULTI-INTELLIGENCE SENSOR DEVELOPMENT	60,413	60,413
250	0305242M	UNMANNED AERIAL SYSTEMS (UAS) PAYLOADS (MIP)	5,000	5,000
251	0305251N	CYBERSPACE OPERATIONS FORCES AND FORCE SUPPORT	34,967	34,967
252	0305421N	RQ-4 MODERNIZATION	178,799	178,799
253	0307577N	INTELLIGENCE MISSION DATA (IMD)	2,120	2,120
254	0308601N	MODELING AND SIMULATION SUPPORT	8,683	8,683
255	0702207N	DEPOT MAINTENANCE (NON-IP)	45,168	45,168
256	0708730N	MARITIME TECHNOLOGY (MARITECH)	6,697	6,697
257	1203109N	SATELLITE COMMUNICATIONS (SPACE)	70,056	70,056
257A	9999999999	CLASSIFIED PROGRAMS	1,795,032	1,795,032
		SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT ..	5,327,043	5,261,743
		SOFTWARE AND DIGITAL TECHNOLOGY PILOT PRO- GRAMS		

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION (In Thousands of Dollars)				
Line	Program Element	Item	FY 2021 Request	House Authorized
258	0608013N	RISK MANAGEMENT INFORMATION—SOFTWARE PILOT PROGRAM.	14,300	14,300
259	0608231N	MARITIME TACTICAL COMMAND AND CONTROL (MTC2)—SOFTWARE PILOT PROGRAM.	10,868	10,868
		SUBTOTAL SOFTWARE AND DIGITAL TECHNOLOGY PILOT PROGRAMS.	25,168	25,168
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, NAVY.	21,427,048	21,119,348
		RESEARCH, DEVELOPMENT, TEST & EVAL, AF		
		BASIC RESEARCH		
001	0601102F	DEFENSE RESEARCH SCIENCES	315,348	315,348
002	0601103F	UNIVERSITY RESEARCH INITIATIVES	161,861	166,861
		Solar block research		[5,000]
003	0601108F	HIGH ENERGY LASER RESEARCH INITIATIVES	15,085	15,085
		SUBTOTAL BASIC RESEARCH	492,294	497,294
		APPLIED RESEARCH		
004	0602020F	FUTURE AF CAPABILITIES APPLIED RESEARCH	100,000	100,000
005	0602102F	MATERIALS	140,781	165,781
		Advanced materials manufacturing flexible biosensors		[5,000]
		Metals affordability research		[15,000]
		Thermal protection systems		[5,000]
006	0602201F	AEROSPACE VEHICLE TECHNOLOGIES	349,225	374,225
		Advanced batteries for directed energy		[5,000]
		High speed expendable turbine development		[5,000]
		On-orbit propulsion technologies		[5,000]
		Secure unmanned aerial vehicles		[10,000]
007	0602202F	HUMAN EFFECTIVENESS APPLIED RESEARCH	115,222	115,222
009	0602204F	AEROSPACE SENSORS	211,301	211,301
011	0602298F	SCIENCE AND TECHNOLOGY MANAGEMENT— MAJOR HEAD-QUARTERS ACTIVITIES.	8,926	8,926
012	0602602F	CONVENTIONAL MUNITIONS	132,425	132,425
013	0602605F	DIRECTED ENERGY TECHNOLOGY	128,113	128,113
014	0602788F	DOMINANT INFORMATION SCIENCES AND METHODS	178,668	208,668
		Counter UAS platform integration testbed		[5,000]
		Quantum Innovation Center		[5,000]
		Quantum network testbed		[10,000]
		Trusted UAS traffic management and C-UAS testbed		[10,000]
015	0602890F	HIGH ENERGY LASER RESEARCH	45,088	45,088
		SUBTOTAL APPLIED RESEARCH	1,409,749	1,489,749
		ADVANCED TECHNOLOGY DEVELOPMENT		
017	0603030F	AF FOUNDATIONAL DEVELOPMENT/DEMOS	103,280	108,280
		Agile composite manufacturing initiatives		[5,000]
018	0603032F	FUTURE AF INTEGRATED TECHNOLOGY DEMOS	157,619	127,619
		Inappropriate use of S&T funds for Golden Horde demonstration & validation.		[-30,000]
019	0603033F	NEXT GEN PLATFORM DEV/DEMO	199,556	199,556
020	0603034F	PERSISTENT KNOWLEDGE, AWARENESS, & C2 TECH	102,276	102,276
021	0603035F	NEXT GEN EFFECTS DEV/DEMOS	215,817	215,817
		SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT	778,548	753,548
		ADVANCED COMPONENT DEVELOPMENT & PROTO-TYPES		
038	0603260F	INTELLIGENCE ADVANCED DEVELOPMENT	4,320	4,320
039	0603742F	COMBAT IDENTIFICATION TECHNOLOGY	26,396	26,396
040	0603790F	NATO RESEARCH AND DEVELOPMENT	3,647	3,647
041	0603851F	INTERCONTINENTAL BALLISTIC MISSILE—DEM/VAL	32,959	32,959
043	0604002F	AIR FORCE WEATHER SERVICES RESEARCH	869	869
044	0604003F	ADVANCED BATTLE MANAGEMENT SYSTEM (ABMS)	302,323	216,823
		Unjustified costs		[-85,500]
045	0604004F	ADVANCED ENGINE DEVELOPMENT	636,495	636,495
046	0604015F	LONG RANGE STRIKE—BOMBER	2,848,410	2,848,410
047	0604032F	DIRECTED ENERGY PROTOTYPING	20,964	20,964
048	0604033F	HYPERSONICS PROTOTYPING	381,862	381,862
050	0604257F	ADVANCED TECHNOLOGY AND SENSORS	24,747	24,747
051	0604288F	NATIONAL AIRBORNE OPS CENTER (NAOC) RECAP	76,417	76,417
052	0604317F	TECHNOLOGY TRANSFER	3,011	3,011
053	0604327F	HARD AND DEEPLY BURIED TARGET DEFEAT SYSTEM (HDBTDS) PROGRAM.	52,921	52,921
054	0604414F	CYBER RESILIENCY OF WEAPON SYSTEMS-ACS	69,783	69,783
055	0604776F	DEPLOYMENT & DISTRIBUTION ENTERPRISE R&D	25,835	25,835
056	0604858F	TECH TRANSITION PROGRAM	219,252	249,252
		Program increase—LCAAT prototyping		[30,000]
057	0605230F	GROUND BASED STRATEGIC DETERRENT	1,524,759	1,524,759
059	0207110F	NEXT GENERATION AIR DOMINANCE	1,044,089	1,044,089

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION (In Thousands of Dollars)				
Line	Program Element	Item	FY 2021 Request	House Authorized
060	0207455F	THREE DIMENSIONAL LONG-RANGE RADAR (3DELRR)	19,356	19,356
061	0207522F	AIRBASE AIR DEFENSE SYSTEMS (ABADS)	8,737	8,737
062	0208099F	UNIFIED PLATFORM (UP)	5,990	5,990
063	0305236F	COMMON DATA LINK EXECUTIVE AGENT (CDL EA)	39,293	39,293
065	0305601F	MISSION PARTNER ENVIRONMENTS	11,430	11,430
066	0306250F	CYBER OPERATIONS TECHNOLOGY DEVELOPMENT	259,823	259,823
067	0306415F	ENABLED CYBER ACTIVITIES	10,560	10,560
068	0401310F	C-32 EXECUTIVE TRANSPORT RECAPITALIZATION	9,908	9,908
069	0901410F	CONTRACTING INFORMATION TECHNOLOGY SYSTEM	8,662	8,662
074	1206427F	SPACE SYSTEMS PROTOTYPE TRANSITIONS (SSPT)	8,787	8,787
077	1206730F	SPACE SECURITY AND DEFENSE PROGRAM	56,311	56,311
SUBTOTAL ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES			7,737,916	7,682,416
SYSTEM DEVELOPMENT & DEMONSTRATION				
082	0604200F	FUTURE ADVANCED WEAPON ANALYSIS & PROGRAMS	25,161	25,161
083	0604201F	PNT RESILIENCY, MODS, AND IMPROVEMENTS	38,564	38,564
084	0604222F	NUCLEAR WEAPONS SUPPORT	35,033	35,033
085	0604270F	ELECTRONIC WARFARE DEVELOPMENT	2,098	2,098
086	0604281F	TACTICAL DATA NETWORKS ENTERPRISE	131,909	131,909
087	0604287F	PHYSICAL SECURITY EQUIPMENT	6,752	6,752
088	0604329F	SMALL DIAMETER BOMB (SDB)—EMD	17,280	17,280
090	0604602F	ARMAMENT/ORDNANCE DEVELOPMENT	23,076	23,076
091	0604604F	SUBMUNITIONS	3,091	3,091
092	0604617F	AGILE COMBAT SUPPORT	20,609	20,609
093	0604618F	JOINT DIRECT ATTACK MUNITION	7,926	7,926
094	0604706F	LIFE SUPPORT SYSTEMS	23,660	23,660
095	0604735F	COMBAT TRAINING RANGES	8,898	8,898
096	0604800F	F-35—EMD	5,423	423
		<i>Excess SDD funding</i>		<i>[-5,000]</i>
097	0604932F	LONG RANGE STANDOFF WEAPON	474,430	474,430
098	0604933F	ICBM FUZE MODERNIZATION	167,099	167,099
100	0605056F	OPEN ARCHITECTURE MANAGEMENT	30,547	30,547
102	0605223F	ADVANCED PILOT TRAINING	248,669	248,669
103	0605229F	COMBAT RESCUE HELICOPTER	63,169	63,169
105	0101125F	NUCLEAR WEAPONS MODERNIZATION	9,683	9,683
106	0207171F	F-15 EPAWSS	170,679	155,979
		<i>Cost growth</i>		<i>[-14,700]</i>
107	0207328F	STAND IN ATTACK WEAPON	160,438	142,738
		<i>Unjustified cost increase</i>		<i>[-17,700]</i>
108	0207701F	FULL COMBAT MISSION TRAINING	9,422	9,422
110	0305176F	COMBAT SURVIVOR EVADER LOCATOR	973	973
111	0401221F	KC-46A TANKER SQUADRONS	106,262	86,262
		<i>Slow execution</i>		<i>[-20,000]</i>
113	0401319F	VC-25B	800,889	800,889
114	0701212F	AUTOMATED TEST SYSTEMS	10,673	10,673
115	0804772F	TRAINING DEVELOPMENTS	4,479	4,479
116	0901299F	AF A1 SYSTEMS	8,467	8,467
SUBTOTAL SYSTEM DEVELOPMENT & DEMONSTRATION			2,615,359	2,557,959
MANAGEMENT SUPPORT				
131	0604256F	THREAT SIMULATOR DEVELOPMENT	57,725	57,725
132	0604759F	MAJOR T&E INVESTMENT	208,680	208,680
133	0605101F	RAND PROJECT AIR FORCE	35,803	35,803
135	0605712F	INITIAL OPERATIONAL TEST & EVALUATION	13,557	13,557
136	0605807F	TEST AND EVALUATION SUPPORT	764,606	764,606
142	0605831F	ACQ WORKFORCE- CAPABILITY INTEGRATION	1,362,038	1,362,038
143	0605832F	ACQ WORKFORCE- ADVANCED PRGM TECHNOLOGY	40,768	40,768
144	0605833F	ACQ WORKFORCE- NUCLEAR SYSTEMS	179,646	179,646
145	0605898F	MANAGEMENT HQ—R&D	5,734	5,734
146	0605976F	FACILITIES RESTORATION AND MODERNIZATION—TEST AND EVALUATION SUPPORT	70,985	70,985
147	0605978F	FACILITIES SUSTAINMENT—TEST AND EVALUATION SUPPORT	29,880	29,880
148	0606017F	REQUIREMENTS ANALYSIS AND MATURATION	63,381	63,381
149	0606398F	MANAGEMENT HQ—T&E	5,785	5,785
150	0303255F	COMMAND, CONTROL, COMMUNICATION, AND COMPUTERS (C4)—STRATCOM	24,564	24,564
151	0308602F	ENTERPRISE INFORMATION SERVICES (EIS)	9,883	9,883
152	0702806F	ACQUISITION AND MANAGEMENT SUPPORT	13,384	13,384
153	0804731F	GENERAL SKILL TRAINING	1,262	1,262
155	1001004F	INTERNATIONAL ACTIVITIES	3,599	3,599
SUBTOTAL MANAGEMENT SUPPORT			2,891,280	2,891,280
OPERATIONAL SYSTEMS DEVELOPMENT				
163	0604233F	SPECIALIZED UNDERGRADUATE FLIGHT TRAINING	8,777	8,777
164	0604776F	DEPLOYMENT & DISTRIBUTION ENTERPRISE R&D	499	499
165	0604840F	F-35 C2D2	785,336	706,836

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION (In Thousands of Dollars)				
Line	Program Element	Item	FY 2021 Request	House Authorized
		Block IV/TR3 upgrade delays		[-78,500]
166	0605018F	AF INTEGRATED PERSONNEL AND PAY SYSTEM (AF-IPPS)	27,035	27,035
167	0605024F	ANTI-TAMPER TECHNOLOGY EXECUTIVE AGENCY	50,508	50,508
168	0605117F	FOREIGN MATERIEL ACQUISITION AND EXPLOITATION	71,229	71,229
169	0605278F	HC/MC-130 RECAP RDT&E	24,705	24,705
170	0606018F	NC3 INTEGRATION	26,356	26,356
172	0101113F	B-52 SQUADRONS	520,023	338,523
		GPS-IU contract delays		[-10,000]
		No acquisition strategy for AEHF		[-2,500]
		Radar modernization program contract delays		[-40,000]
		Virtual prototype contract delay		[-125,000]
		VLF/LF contract delays		[-4,000]
173	0101122F	AIR-LAUNCHED CRUISE MISSILE (ALCM)	1,433	1,433
174	0101126F	B-1B SQUADRONS	15,766	15,766
175	0101127F	B-2 SQUADRONS	187,399	187,399
		Airspace compliance contract delays		[-2,000]
		JASSM-ER Milestone B delay		[-5,000]
		Virtual training		[7,000]
176	0101213F	MINUTEMAN SQUADRONS	116,569	116,569
177	0101316F	WORLDWIDE JOINT STRATEGIC COMMUNICATIONS	27,235	27,235
178	0101324F	INTEGRATED STRATEGIC PLANNING & ANALYSIS NETWORK	24,227	24,227
179	0101328F	ICBM REENTRY VEHICLES	112,753	112,753
181	0102110F	UH-1N REPLACEMENT PROGRAM	44,464	44,464
182	0102326F	REGION/SECTOR OPERATION CONTROL CENTER MODERNIZA- TION PROGRAM	5,929	5,929
183	0102412F	NORTH WARNING SYSTEM (NWS)	100	100
184	0205219F	MQ-9 UAV	162,080	162,080
186	0207131F	A-10 SQUADRONS	24,535	24,535
187	0207133F	F-16 SQUADRONS	223,437	223,437
188	0207134F	F-15E SQUADRONS	298,908	298,908
189	0207136F	MANNED DESTRUCTIVE SUPPRESSION	14,960	14,960
190	0207138F	F-22A SQUADRONS	665,038	648,938
		Software delays		[-16,100]
191	0207142F	F-35 SQUADRONS	132,229	129,629
		Unjustified USAF ALIS unique funding		[-2,600]
192	0207146F	F-15EX	159,761	159,761
193	0207161F	TACTICAL AIM MISSILES	19,417	19,417
194	0207163F	ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM)	51,799	51,799
195	0207227F	COMBAT RESCUE—PARARESCUE	669	669
196	0207247F	AF TENCAP	21,644	21,644
197	0207249F	PRECISION ATTACK SYSTEMS PROCUREMENT	9,261	9,261
198	0207253F	COMPASS CALL	15,854	15,854
199	0207268F	AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM	95,896	95,896
200	0207325F	JOINT AIR-TO-SURFACE STANDOFF MISSILE (JASSM)	70,792	70,792
201	0207410F	AIR & SPACE OPERATIONS CENTER (AOC)	51,187	51,187
202	0207412F	CONTROL AND REPORTING CENTER (CRC)	16,041	16,041
203	0207417F	AIRBORNE WARNING AND CONTROL SYSTEM (AWACS)	138,303	138,303
204	0207418F	AFSPECWAR—TACP	4,223	4,223
206	0207431F	COMBAT AIR INTELLIGENCE SYSTEM ACTIVITIES	16,564	16,564
207	0207438F	THEATER BATTLE MANAGEMENT (TBM) C4I	7,858	7,858
208	0207444F	TACTICAL AIR CONTROL PARTY-MOD	12,906	12,906
210	0207452F	DCAPES	14,816	14,816
211	0207521F	AIR FORCE CALIBRATION PROGRAMS	1,970	1,970
212	0207573F	NATIONAL TECHNICAL NUCLEAR FORENSICS	396	396
213	0207590F	SEEK EAGLE	29,680	29,680
214	0207601F	USAF MODELING AND SIMULATION	17,666	17,666
215	0207605F	WARGAMING AND SIMULATION CENTERS	6,353	6,353
216	0207610F	BATTLEFIELD ABN COMM NODE (BACN)	6,827	6,827
217	0207697F	DISTRIBUTED TRAINING AND EXERCISES	3,390	3,390
218	0208006F	MISSION PLANNING SYSTEMS	91,768	91,768
219	0208007F	TACTICAL DECEPTION	2,370	2,370
220	0208064F	OPERATIONAL HQ—CYBER	5,527	5,527
221	0208087F	DISTRIBUTED CYBER WARFARE OPERATIONS	68,279	68,279
222	0208088F	AF DEFENSIVE CYBERSPACE OPERATIONS	15,165	15,165
223	0208097F	JOINT CYBER COMMAND AND CONTROL (JCC2)	38,480	38,480
224	0208099F	UNIFIED PLATFORM (UP)	84,645	84,645
230	0301025F	GEOBASE	2,767	2,767
231	0301112F	NUCLEAR PLANNING AND EXECUTION SYSTEM (NPES)	32,759	32,759
238	0301401F	AIR FORCE SPACE AND CYBER NON-TRADITIONAL ISR FOR BATTLESPACE AWARENESS	2,904	2,904
239	0302015F	E-4B NATIONAL AIRBORNE OPERATIONS CENTER (NAOC)	3,468	3,468
240	0303131F	MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NET- WORK (MEECN)	61,887	61,887
242	0303140F	INFORMATION SYSTEMS SECURITY PROGRAM	10,351	10,351
243	0303142F	GLOBAL FORCE MANAGEMENT—DATA INITIATIVE	1,346	1,346
246	0304260F	AIRBORNE SIGINT ENTERPRISE	128,110	128,110
247	0304310F	COMMERCIAL ECONOMIC ANALYSIS	4,042	4,042
251	0305020F	CCMD INTELLIGENCE INFORMATION TECHNOLOGY	1,649	1,649

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION (In Thousands of Dollars)				
Line	Program Element	Item	FY 2021 Request	House Authorized
252	0305022F	ISR MODERNIZATION & AUTOMATION DVMT (IMAD)	19,265	19,265
253	0305099F	GLOBAL AIR TRAFFIC MANAGEMENT (GATM)	4,645	4,645
254	0305103F	CYBER SECURITY INITIATIVE	384	384
255	0305111F	WEATHER SERVICE	23,640	30,640
		Commercial weather pilot		[7,000]
256	0305114F	AIR TRAFFIC CONTROL, APPROACH, AND LANDING SYSTEM (ATCALS)	6,553	6,553
257	0305116F	AERIAL TARGETS	449	449
260	0305128F	SECURITY AND INVESTIGATIVE ACTIVITIES	432	432
262	0305146F	DEFENSE JOINT COUNTERINTELLIGENCE ACTIVITIES	4,890	4,890
264	0305179F	INTEGRATED BROADCAST SERVICE (IBS)	8,864	8,864
265	0305202F	DRAGON U-2	18,660	18,660
267	0305206F	AIRBORNE RECONNAISSANCE SYSTEMS	121,512	131,512
		Gorgon Stare Wide Area Motion Imagery program increase		[10,000]
268	0305207F	MANNED RECONNAISSANCE SYSTEMS	14,711	14,711
269	0305208F	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	14,152	14,152
270	0305220F	RQ-4 UAV	134,589	134,589
271	0305221F	NETWORK-CENTRIC COLLABORATIVE TARGETING	15,049	15,049
272	0305238F	NATO AGS	36,731	36,731
273	0305240F	SUPPORT TO DCGS ENTERPRISE	33,547	33,547
274	0305600F	INTERNATIONAL INTELLIGENCE TECHNOLOGY AND ARCHITEC- TURES	13,635	13,635
275	0305881F	RAPID CYBER ACQUISITION	4,262	4,262
276	0305984F	PERSONNEL RECOVERY COMMAND & CTRL (PRC2)	2,207	2,207
277	0307577F	INTELLIGENCE MISSION DATA (IMD)	6,277	6,277
278	0401115F	C-130 AIRLIFT SQUADRON	41,973	41,973
279	0401119F	C-5 AIRLIFT SQUADRONS (IF)	32,560	32,560
280	0401130F	C-17 AIRCRAFT (IF)	9,991	9,991
281	0401132F	C-130J PROGRAM	10,674	10,674
282	0401134F	LARGE AIRCRAFT IR COUNTERMEASURES (LAIRCM)	5,507	5,507
283	0401218F	KC-135S	4,591	4,591
286	0401318F	CV-22	18,419	18,419
288	0408011F	SPECIAL TACTICS / COMBAT CONTROL	7,673	7,673
290	0708055F	MAINTENANCE, REPAIR & OVERHAUL SYSTEM	24,513	24,513
291	0708610F	LOGISTICS INFORMATION TECHNOLOGY (LOGIT)	35,225	35,225
292	0708611F	SUPPORT SYSTEMS DEVELOPMENT	11,838	11,838
293	0804743F	OTHER FLIGHT TRAINING	1,332	1,332
295	0901202F	JOINT PERSONNEL RECOVERY AGENCY	2,092	2,092
296	0901218F	CIVILIAN COMPENSATION PROGRAM	3,869	3,869
297	0901220F	PERSONNEL ADMINISTRATION	1,584	1,584
298	0901226F	AIR FORCE STUDIES AND ANALYSIS AGENCY	1,197	1,197
299	0901538F	FINANCIAL MANAGEMENT INFORMATION SYSTEMS DEVELOP- MENT	7,006	7,006
300	0901554F	DEFENSE ENTERPRISE ACNTNG AND MGT SYS (DEAMS)	45,638	45,638
301	1201017F	GLOBAL SENSOR INTEGRATED ON NETWORK (GSIN)	1,889	0
		Transfer to Space Force		[-1,889]
302	1201921F	SERVICE SUPPORT TO STRATCOM—SPACE ACTIVITIES	993	993
303	1202140F	SERVICE SUPPORT TO SPACECOM ACTIVITIES	8,999	8,999
314	1203400F	SPACE SUPERIORITY INTELLIGENCE	16,810	16,810
316	1203620F	NATIONAL SPACE DEFENSE CENTER	2,687	2,687
318	1203906F	NCMC—TWAA SYSTEM	6,990	6,990
322A	9999999999	CLASSIFIED PROGRAMS	15,777,856	15,777,856
		SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT ..	21,466,680	21,203,091
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, AF.	37,391,826	37,075,337
		RESEARCH, DEVELOPMENT, TEST & EVAL, SPACE FORCE		
		APPLIED RESEARCH		
001	12066018F	SPACE TECHNOLOGY	130,874	135,874
		Ground based optical GEO surveillance		[5,000]
		SUBTOTAL APPLIED RESEARCH	130,874	135,874
		ADVANCED COMPONENT DEVELOPMENT & PROTO- TYPES		
002	12031648F	NAVSTAR GLOBAL POSITIONING SYSTEM (USER EQUIPMENT) (SPACE)	390,704	390,704
003	12037108F	EO/IR WEATHER SYSTEMS	131,000	106,000
		Program reduction for phase 2 risk reduction Spec OT2		[-25,000]
004	12064228F	WEATHER SYSTEM FOLLOW-ON	83,384	83,384
005	12064258F	SPACE SITUATION AWARENESS SYSTEMS	33,359	33,359
006	12064278F	SPACE SYSTEMS PROTOTYPE TRANSITIONS (SSPT)	142,808	142,808
007	12064388F	SPACE CONTROL TECHNOLOGY	35,575	35,575
008	12067608F	PROTECTED TACTICAL ENTERPRISE SERVICE (PTES)	114,390	109,390
		Unjustified growth		[-5,000]
009	12067618F	PROTECTED TACTICAL SERVICE (PTS)	205,178	200,178
		Unjustified growth		[-5,000]

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION (In Thousands of Dollars)				
Line	Program Element	Item	FY 2021 Request	House Authorized
010	1206855SF	EVOLVED STRATEGIC SATCOM (ESS)	71,395	71,395
011	1206857SF	SPACE RAPID CAPABILITIES OFFICE	103,518	103,518
		SUBTOTAL ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES.	1,311,311	1,276,311
		SYSTEM DEVELOPMENT & DEMONSTRATION		
012	1203269SF	GPS III FOLLOW-ON (GPS IIIF)	263,496	253,496
		Execution lagging		[−10,000]
013	1203940SF	SPACE SITUATION AWARENESS OPERATIONS	41,897	41,897
014	1206421SF	COUNTERSPACE SYSTEMS	54,689	54,689
015	1206422SF	WEATHER SYSTEM FOLLOW-ON	2,526	2,526
016	1206425SF	SPACE SITUATION AWARENESS SYSTEMS	173,074	173,074
017	1206431SF	ADVANCED EHF MILSATCOM (SPACE)	138,257	138,257
018	1206432SF	POLAR MILSATCOM (SPACE)	190,235	190,235
019	1206442SF	NEXT GENERATION OPIR	2,318,864	2,298,864
		Block 0 GEO unjustified cost growth		[−20,000]
020	1206853SF	NATIONAL SECURITY SPACE LAUNCH PROGRAM (SPACE)—EMD	560,978	710,978
		Program increase		[150,000]
		SUBTOTAL SYSTEM DEVELOPMENT & DEMONSTRATION.	3,744,016	3,864,016
		MANAGEMENT SUPPORT		
021	1206116SF	SPACE TEST AND TRAINING RANGE DEVELOPMENT	20,281	20,281
022	1206392SF	ACQ WORKFORCE—SPACE & MISSILE SYSTEMS	183,930	183,930
023	1206398SF	SPACE & MISSILE SYSTEMS CENTER—MHA	9,765	9,765
024	1206860SF	ROCKET SYSTEMS LAUNCH PROGRAM (SPACE)	17,993	17,993
025	1206864SF	SPACE TEST PROGRAM (STP)	26,541	26,541
		SUBTOTAL MANAGEMENT SUPPORT	258,510	258,510
		OPERATIONAL SYSTEM DEVELOPMENT		
026	1201017SF	GLOBAL SENSOR INTEGRATED ON NETWORK (GSIN)	3,708	5,597
		Transfer from Air Force		[1,889]
027	1203001SF	FAMILY OF ADVANCED BLOS TERMINALS (FAB-T)	247,229	247,229
028	1203110SF	SATELLITE CONTROL NETWORK (SPACE)	75,480	60,480
		Program decrease		[−15,000]
029	1203165SF	NAVSTAR GLOBAL POSITIONING SYSTEM (SPACE AND CONTROL SEGMENTS).	1,984	1,984
030	1203173SF	SPACE AND MISSILE TEST AND EVALUATION CENTER	4,397	4,397
031	1203174SF	SPACE INNOVATION, INTEGRATION AND RAPID TECHNOLOGY DEVELOPMENT.	44,746	39,746
		Underexecution		[−5,000]
032	1203182SF	SPACELIFT RANGE SYSTEM (SPACE)	11,020	16,020
		Space launch range services and capabilities		[5,000]
033	1203265SF	GPS III SPACE SEGMENT	10,777	10,777
034	1203873SF	BALLISTIC MISSILE DEFENSE RADARS	28,179	28,179
035	1203913SF	NUDET DETECTION SYSTEM (SPACE)	29,157	29,157
036	1203940SF	SPACE SITUATION AWARENESS OPERATIONS	44,809	39,809
		Underexecution		[−5,000]
037	1206423SF	GLOBAL POSITIONING SYSTEM III—OPERATIONAL CONTROL SEGMENT.	481,999	476,999
		Unjustified growth		[−5,000]
041	1206770SF	ENTERPRISE GROUND SERVICES	116,791	116,791
041A	9999999999	CLASSIFIED PROGRAMS	3,632,866	3,632,866
		SUBTOTAL OPERATIONAL SYSTEM DEVELOPMENT	4,733,142	4,710,031
		SOFTWARE & DIGITAL TECHNOLOGY PILOT PROGRAMS		
042	1203614SF	JSPOC MISSION SYSTEM	149,742	129,742
		Unjustified increase; transfer to commercial Space Domain Awareness Services and Data.		[−20,000]
42A	9999999999	COMMERCIAL SATCOM		45,000
		Commercial polar space-based proliferated LEO broadband services and demonstrations.		[25,000]
		Increase for commercial space domain awareness services and data		[20,000]
		SUBTOTAL SOFTWARE & DIGITAL TECHNOLOGY PILOT PROGRAMS.	149,742	174,742
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, SPACE FORCE.	10,327,595	10,419,484
		RESEARCH, DEVELOPMENT, TEST & EVAL, DW		
		BASIC RESEARCH		
001	0601000BR	DTRA BASIC RESEARCH	14,617	14,617
002	0601101E	DEFENSE RESEARCH SCIENCES	479,958	479,958
003	0601110dSZ	BASIC RESEARCH INITIATIVES	35,565	57,565
		Restore Minerva research initiative		[17,000]
		START research consortium of excellence for irregular warfare and advanced analytics.		[5,000]

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION (In Thousands of Dollars)				
Line	Program Element	Item	FY 2021 Request	House Authorized
004	0601117E	BASIC OPERATIONAL MEDICAL RESEARCH SCIENCE	53,730	53,730
005	0601120D8Z	NATIONAL DEFENSE EDUCATION PROGRAM	100,241	105,241
		Civics education pilot		[5,000]
006	0601228D8Z	HISTORICALLY BLACK COLLEGES AND UNIVERSITIES/MINORITY INSTITUTIONS.	30,975	50,975
		PIPELINE program		[3,000]
		Program increase		[17,000]
007	0601384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM	45,300	45,300
		SUBTOTAL BASIC RESEARCH	760,386	807,386
APPLIED RESEARCH				
008	0602000D8Z	JOINT MUNITIONS TECHNOLOGY	19,409	24,409
		New energetic materials design		[5,000]
009	0602115E	BIOMEDICAL TECHNOLOGY	107,568	107,568
011	0602230D8Z	DEFENSE TECHNOLOGY INNOVATION	35,000	35,000
012	0602234D8Z	LINCOLN LABORATORY RESEARCH PROGRAM	41,080	41,080
013	0602251D8Z	APPLIED RESEARCH FOR THE ADVANCEMENT OF S&T PRIORITIES.	60,722	60,722
014	0602303E	INFORMATION & COMMUNICATIONS TECHNOLOGY	435,920	435,920
015	0602383E	BIOLOGICAL WARFARE DEFENSE	26,950	26,950
016	0602384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM	201,807	201,807
017	0602668D8Z	CYBER SECURITY RESEARCH	15,255	15,255
018	0602702E	TACTICAL TECHNOLOGY	233,271	233,271
019	0602715E	MATERIALS AND BIOLOGICAL TECHNOLOGY	250,107	250,107
020	0602716E	ELECTRONICS TECHNOLOGY	322,693	322,693
021	0602718BR	COUNTER WEAPONS OF MASS DESTRUCTION APPLIED RESEARCH.	174,571	174,571
022	0602751D8Z	SOFTWARE ENGINEERING INSTITUTE (SEI) APPLIED RESEARCH.	9,573	9,573
023	1160401BB	SOF TECHNOLOGY DEVELOPMENT	42,464	47,464
		Sustained Human Performance and Resilience		[5,000]
		SUBTOTAL APPLIED RESEARCH	1,976,390	1,986,390
ADVANCED TECHNOLOGY DEVELOPMENT				
024	0603000D8Z	JOINT MUNITIONS ADVANCED TECHNOLOGY	22,920	22,920
025	0603121D8Z	SO/LIC ADVANCED DEVELOPMENT	4,914	4,914
026	0603122D8Z	COMBATING TERRORISM TECHNOLOGY SUPPORT	51,089	51,089
027	0603133D8Z	FOREIGN COMPARATIVE TESTING	25,183	25,183
029	0603160BR	COUNTER WEAPONS OF MASS DESTRUCTION ADVANCED TECHNOLOGY DEVELOPMENT.	366,659	366,659
030	0603176C	ADVANCED CONCEPTS AND PERFORMANCE ASSESSMENT	14,910	64,910
		Restore low power laser demonstrator		[50,000]
032	0603180C	ADVANCED RESEARCH	18,687	18,687
033	0603225D8Z	JOINT DOD-DOE MUNITIONS TECHNOLOGY DEVELOPMENT	18,873	18,873
034	0603286E	ADVANCED AEROSPACE SYSTEMS	230,978	230,978
035	0603287E	SPACE PROGRAMS AND TECHNOLOGY	158,439	158,439
036	0603288D8Z	ANALYTIC ASSESSMENTS	23,775	23,775
037	0603289D8Z	ADVANCED INNOVATIVE ANALYSIS AND CONCEPTS	36,524	36,524
038	0603291D8Z	ADVANCED INNOVATIVE ANALYSIS AND CONCEPTS—MHA	14,703	14,703
039	0603294C	COMMON KILL VEHICLE TECHNOLOGY	11,058	11,058
040	0603338D8Z	DEFENSE MODERNIZATION AND PROTOTYPING	133,375	133,375
042	0603342D8Z	DEFENSE INNOVATION UNIT (DIU)	26,141	26,141
043	0603375D8Z	TECHNOLOGY INNOVATION	27,709	27,709
044	0603384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM—ADVANCED DEVELOPMENT.	188,001	188,001
045	0603527D8Z	RETRACT LARCH	130,283	130,283
046	0603618D8Z	JOINT ELECTRONIC ADVANCED TECHNOLOGY	15,164	15,164
047	0603648D8Z	JOINT CAPABILITY TECHNOLOGY DEMONSTRATIONS	85,452	85,452
048	0603662D8Z	NETWORKED COMMUNICATIONS CAPABILITIES	5,882	5,882
049	0603680D8Z	DEFENSE-WIDE MANUFACTURING SCIENCE AND TECHNOLOGY PROGRAM.	93,817	143,817
		Accelerating rapid prototyping by integrating high performance computing and advanced manufacturing.		[5,000]
		Additive manufacturing training		[5,000]
		Advanced structural manufacturing technologies		[30,000]
		Flexible hybrid electronics		[5,000]
		Hypersonic thermal management research		[5,000]
050	0603680S	MANUFACTURING TECHNOLOGY PROGRAM	40,025	40,025
052	0603712S	GENERIC LOGISTICS R&D TECHNOLOGY DEMONSTRATIONS	10,235	10,235
053	0603716D8Z	STRATEGIC ENVIRONMENTAL RESEARCH PROGRAM	53,862	158,862
		AFFF replacement		[50,000]
		PFAS Innovation Award Fund		[5,000]
		PFAS remediation and disposal technology		[50,000]
054	0603720S	MICROELECTRONICS TECHNOLOGY DEVELOPMENT AND SUPPORT.	124,049	124,049
055	0603727D8Z	JOINT WARFIGHTING PROGRAM	3,871	3,871
056	0603739E	ADVANCED ELECTRONICS TECHNOLOGIES	95,864	95,864
057	0603760E	COMMAND, CONTROL AND COMMUNICATIONS SYSTEMS	221,724	221,724

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION (In Thousands of Dollars)				
Line	Program Element	Item	FY 2021 Request	House Authorized
058	0603766E	NETWORK-CENTRIC WARFARE TECHNOLOGY	661,158	661,158
059	0603767E	SENSOR TECHNOLOGY	200,220	200,220
060	0603769D8Z	DISTRIBUTED LEARNING ADVANCED TECHNOLOGY DEVELOPMENT.	6,765	6,765
061	0603781D8Z	SOFTWARE ENGINEERING INSTITUTE	12,598	12,598
064	0603924D8Z	HIGH ENERGY LASER ADVANCED TECHNOLOGY PROGRAM	105,410	105,410
065	0603941D8Z	TEST & EVALUATION SCIENCE & TECHNOLOGY	187,065	192,065
		Directed energy test workloads		[5,000]
066	0603950D8Z	NATIONAL SECURITY INNOVATION NETWORK		20,000
		Restore program		[20,000]
067	0604055D8Z	OPERATIONAL ENERGY CAPABILITY IMPROVEMENT		65,000
		Program increase		[65,000]
070	1160402BB	SOF ADVANCED TECHNOLOGY DEVELOPMENT	89,072	94,072
		SOF 3-D printing technologies		[5,000]
071	1206310SDA	SPACE SCIENCE AND TECHNOLOGY RESEARCH AND DEVELOPMENT.	72,422	72,422
		SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT	3,588,876	3,888,876
		ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES		
072	0603161D8Z	NUCLEAR AND CONVENTIONAL PHYSICAL SECURITY EQUIPMENT RDT&E ADC&P.	32,636	32,636
073	0603600D8Z	WALKOFF	106,529	106,529
075	0603851D8Z	ENVIRONMENTAL SECURITY TECHNICAL CERTIFICATION PROGRAM.	61,345	111,345
		PFAS remediation and disposal technology		[50,000]
076	0603881C	BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT ..	412,627	312,627
		Insufficient justification—homeland defense underlay		[−100,000]
077	0603882C	BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT	1,004,305	919,305
		Unjustified growth—RKV cancellation		[−85,000]
078	0603884BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM—DEM/VAL	76,167	76,167
079	0603884C	BALLISTIC MISSILE DEFENSE SENSORS	281,957	281,957
080	0603890C	BMD ENABLING PROGRAMS	599,380	599,380
081	0603891C	SPECIAL PROGRAMS—MDA	420,216	420,216
082	0603892C	AEGIS BMD	814,936	814,936
083	0603896C	BALLISTIC MISSILE DEFENSE COMMAND AND CONTROL, BATTLE MANAGEMENT AND COMMUNICATI.	593,353	593,353
084	0603898C	BALLISTIC MISSILE DEFENSE JOINT WARFIGHTER SUPPORT ...	49,560	49,560
085	0603904C	MISSILE DEFENSE INTEGRATION & OPERATIONS CENTER (MDIOC).	55,356	55,356
086	0603906C	REGARDING TRENCH	11,863	11,863
087	0603907C	SEA BASED X-BAND RADAR (SBX)	118,318	118,318
088	0603913C	ISRAELI COOPERATIVE PROGRAMS	300,000	300,000
089	0603914C	BALLISTIC MISSILE DEFENSE TEST	378,302	378,302
090	0603915C	BALLISTIC MISSILE DEFENSE TARGETS	536,133	536,133
092	0603923D8Z	COALITION WARFARE	10,129	10,129
093	0604011D8Z	NEXT GENERATION INFORMATION COMMUNICATIONS TECHNOLOGY (5G).	449,000	400,000
		Program decrease for Restoring S&T		[−49,000]
094	0604016D8Z	DEPARTMENT OF DEFENSE CORROSION PROGRAM	3,325	3,325
095	0604115C	TECHNOLOGY MATURATION INITIATIVES	67,389	67,389
098	0604181C	HYPERSONIC DEFENSE	206,832	206,832
099	0604250D8Z	ADVANCED INNOVATIVE TECHNOLOGIES	730,508	729,508
		Micro nuclear reactors		[50,000]
		Program decrease for Restoring S&T		[−51,000]
100	0604294D8Z	TRUSTED & ASSURED MICROELECTRONICS	489,076	489,076
101	0604331D8Z	RAPID PROTOTYPING PROGRAM	102,023	82,023
		Program decrease for Restoring S&T		[−20,000]
102	0604341D8Z	DEFENSE INNOVATION UNIT (DIU) PROTOTYPING	13,255	16,255
		Talent optimization pilot program		[3,000]
103	0604400D8Z	DEPARTMENT OF DEFENSE (DOD) UNMANNED SYSTEM COMMON DEVELOPMENT.	2,787	2,787
105	0604672C	HOMELAND DEFENSE RADAR—HAWAII (HDR-H)		130,000
		Continue radar development and siting efforts		[130,000]
107	0604682D8Z	WARGAMING AND SUPPORT FOR STRATEGIC ANALYSIS (SSA)	3,469	3,469
109	0604826J	JOINT C5 CAPABILITY DEVELOPMENT, INTEGRATION AND INTEROPERABILITY ASSESSMENTS.	19,190	19,190
110	0604873C	LONG RANGE DISCRIMINATION RADAR (LRDR)	137,256	137,256
111	0604874C	IMPROVED HOMELAND DEFENSE INTERCEPTORS	664,138	414,138
		Delayed NGI contract award		[−250,000]
112	0604876C	BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT TEST.	7,768	7,768
113	0604878C	AEGIS BMD TEST	170,880	95,880
		Unjustified cost growth		[−75,000]
114	0604879C	BALLISTIC MISSILE DEFENSE SENSOR TEST	76,456	76,456
115	0604880C	LAND-BASED SM-3 (LBSM3)	56,628	56,628
116	0604887C	BALLISTIC MISSILE DEFENSE MIDCOURSE SEGMENT TEST	67,071	67,071
118	0300206R	ENTERPRISE INFORMATION TECHNOLOGY SYSTEMS	2,198	2,198

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION (In Thousands of Dollars)				
Line	Program Element	Item	FY 2021 Request	House Authorized
119	0303191D8Z	JOINT ELECTROMAGNETIC TECHNOLOGY (JET) PROGRAM	997	997
120	0305103C	CYBER SECURITY INITIATIVE	1,148	1,148
121	1206410SDA	SPACE TECHNOLOGY DEVELOPMENT AND PROTOTYPING	215,994	155,994
		HBTSS—transfer to 1206895C		[−30,000]
		Unjustified growth		[−40,000]
122	1206893C	SPACE TRACKING & SURVEILLANCE SYSTEM	34,144	34,144
123	1206895C	BALLISTIC MISSILE DEFENSE SYSTEM SPACE PROGRAMS	32,068	152,068
		HBTSS—transfer from 1206410SDA		[20,000]
		HBTSS sensor payload development		[100,000]
		SUBTOTAL ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES.	9,416,712	9,079,712
SYSTEM DEVELOPMENT & DEMONSTRATION				
124	0604161D8Z	NUCLEAR AND CONVENTIONAL PHYSICAL SECURITY EQUIPMENT RDT&E SDD.	7,173	7,173
126	0604384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM—EMD	319,976	319,976
127	0604771D8Z	JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM (JTIDS)	54,985	54,985
128	0605000BR	COUNTER WEAPONS OF MASS DESTRUCTION SYSTEMS DEVELOPMENT.	15,650	15,650
129	0605013BL	INFORMATION TECHNOLOGY DEVELOPMENT	1,441	1,441
130	0605021SE	HOMELAND PERSONNEL SECURITY INITIATIVE	7,287	7,287
131	0605022D8Z	DEFENSE EXPORTABILITY PROGRAM	12,928	12,928
132	0605027D8Z	OUS(D) IT DEVELOPMENT INITIATIVES	10,259	10,259
133	06050708	DOD ENTERPRISE SYSTEMS DEVELOPMENT AND DEMONSTRATION.	1,377	1,377
134	0605075D8Z	CMO POLICY AND INTEGRATION	1,648	1,648
135	06050808	DEFENSE AGENCY INITIATIVES (DAI)—FINANCIAL SYSTEM	20,537	20,537
136	06050908	DEFENSE RETIRED AND ANNUITANT PAY SYSTEM (DRAS)	1,638	1,638
137	0605141BR	MISSION ASSURANCE RISK MANAGEMENT SYSTEM (MARMS)	5,500	5,500
138	0605210D8Z	DEFENSE-WIDE ELECTRONIC PROCUREMENT CAPABILITIES	8,279	8,279
139	0605294D8Z	TRUSTED & ASSURED MICROELECTRONICS	107,585	107,585
140	0605772D8Z	NUCLEAR COMMAND, CONTROL, & COMMUNICATIONS	3,685	3,685
143	0305304D8Z	DOD ENTERPRISE ENERGY INFORMATION MANAGEMENT (EIM).	3,275	3,275
144	0305310D8Z	CWMD SYSTEMS: SYSTEM DEVELOPMENT AND DEMONSTRATION.	20,585	20,585
		SUBTOTAL SYSTEM DEVELOPMENT & DEMONSTRATION.	603,808	603,808
MANAGEMENT SUPPORT				
145	0603829J	JOINT CAPABILITY EXPERIMENTATION	11,239	11,239
146	0604774D8Z	DEFENSE READINESS REPORTING SYSTEM (DRRS)	9,793	9,793
147	0604875D8Z	JOINT SYSTEMS ARCHITECTURE DEVELOPMENT	8,497	8,497
148	0604940D8Z	CENTRAL TEST AND EVALUATION INVESTMENT DEVELOPMENT (CTEIP).	422,451	432,451
		Gulf Test Range and training enhancements		[10,000]
149	0604942D8Z	ASSESSMENTS AND EVALUATIONS	18,379	18,379
150	0605001E	MISSION SUPPORT	74,334	74,334
151	0605100D8Z	JOINT MISSION ENVIRONMENT TEST CAPABILITY (JMETC)	79,046	79,046
153	0605126J	JOINT INTEGRATED AIR AND MISSILE DEFENSE ORGANIZATION (JIAMDO).	50,255	50,255
155	0605142D8Z	SYSTEMS ENGINEERING	49,376	49,376
156	0605151D8Z	STUDIES AND ANALYSIS SUPPORT—OSD	5,777	5,777
157	0605161D8Z	NUCLEAR MATTERS-PHYSICAL SECURITY	16,552	16,552
158	0605170D8Z	SUPPORT TO NETWORKS AND INFORMATION INTEGRATION	9,582	9,582
159	0605200D8Z	GENERAL SUPPORT TO USD (INTELLIGENCE)	1,940	1,940
160	0605384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM	122,951	122,951
167	0605790D8Z	SMALL BUSINESS INNOVATION RESEARCH (SBIR)/ SMALL BUSINESS TECHNOLOGY TRANSFER.	3,582	3,582
168	0605797D8Z	MAINTAINING TECHNOLOGY ADVANTAGE	29,566	29,566
169	0605798D8Z	DEFENSE TECHNOLOGY ANALYSIS	29,059	29,059
170	0605801KA	DEFENSE TECHNICAL INFORMATION CENTER (DTIC)	59,369	56,369
		Program decrease		[−3,000]
171	06058038E	R&D IN SUPPORT OF DOD ENLISTMENT, TESTING AND EVALUATION.	29,420	29,420
172	0605804D8Z	DEVELOPMENT TEST AND EVALUATION	27,198	27,198
173	0605898E	MANAGEMENT HQ—R&D	13,434	13,434
174	0605998KA	MANAGEMENT HQ—DEFENSE TECHNICAL INFORMATION CENTER (DTIC).	2,837	2,837
175	0606100D8Z	BUDGET AND PROGRAM ASSESSMENTS	13,173	13,173
176	0606225D8Z	ODNA TECHNOLOGY AND RESOURCE ANALYSIS	3,200	3,200
177	0606589D8W	DEFENSE DIGITAL SERVICE (DDS) DEVELOPMENT SUPPORT	999	999
180	0203345D8Z	DEFENSE OPERATIONS SECURITY INITIATIVE (DOSI)	3,099	3,099
181	0204571J	JOINT STAFF ANALYTICAL SUPPORT	3,058	3,058
182	0208045K	CAI INTEROPERABILITY	59,813	59,813
185	03031408E	INFORMATION SYSTEMS SECURITY PROGRAM	1,112	1,112
186	0303166J	SUPPORT TO INFORMATION OPERATIONS (IO) CAPABILITIES	545	545
187	0303260D8Z	DEFENSE MILITARY DECEPTION PROGRAM OFFICE (DMDPO)	1,036	1,036

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION (In Thousands of Dollars)				
Line	Program Element	Item	FY 2021 Request	House Authorized
188	0305172K	COMBINED ADVANCED APPLICATIONS	30,824	30,824
190	0305208K	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	3,048	3,048
194	0804768J	COCOM EXERCISE ENGAGEMENT AND TRAINING TRANSFORMATION (CE2T2)—NON-MHA.	31,125	31,125
195	0808709SE	DEFENSE EQUAL OPPORTUNITY MANAGEMENT INSTITUTE (DEOMI).	100	100
196	0901598C	MANAGEMENT HQ—MDA	26,902	26,902
197	0903235K	JOINT SERVICE PROVIDER (JSP)	3,138	3,138
198A	9999999999	CLASSIFIED PROGRAMS	41,583	41,583
		SUBTOTAL MANAGEMENT SUPPORT	1,297,392	1,304,392
OPERATIONAL SYSTEMS DEVELOPMENT				
199	0604130V	ENTERPRISE SECURITY SYSTEM (ESS)	14,378	14,378
200	0604532K	JOINT ARTIFICIAL INTELLIGENCE	132,058	132,058
201	0605127T	REGIONAL INTERNATIONAL OUTREACH (RIO) AND PARTNERSHIP FOR PEACE INFORMATION MANA.	1,986	1,986
202	0605147T	OVERSEAS HUMANITARIAN ASSISTANCE SHARED INFORMATION SYSTEM (OHASIS).	316	316
203	0607210D8Z	INDUSTRIAL BASE ANALYSIS AND SUSTAINMENT SUPPORT	9,151	74,151
		Autotune filter manufacturing scale-up for advanced offboard electronic warfare.		[10,000]
		Domestic organic light emitting diode microdisplay manufacturing		[5,000]
		Domestic rare earth magnet capability		[5,000]
		Domestic tungsten		[5,000]
		Program increase		[15,000]
		Radar supplier resiliency plan		[5,000]
		Submarine workforce development and training		[20,000]
204	0607310D8Z	CWMD SYSTEMS: OPERATIONAL SYSTEMS DEVELOPMENT	19,082	19,082
205	0607327T	GLOBAL THEATER SECURITY COOPERATION MANAGEMENT INFORMATION SYSTEMS (G-TSCMIS).	3,992	3,992
206	0607384BP	CHEMICAL AND BIOLOGICAL DEFENSE (OPERATIONAL SYSTEMS DEVELOPMENT).	39,530	39,530
207	0208043J	PLANNING AND DECISION AID SYSTEM (PDAS)	3,039	3,039
212	0302019K	DEFENSE INFO INFRASTRUCTURE ENGINEERING AND INTEGRATION.	16,324	16,324
213	0303126K	LONG-HAUL COMMUNICATIONS—DCS	11,884	11,884
214	0303131K	MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NETWORK (MEECN).	5,560	5,560
215	0303136G	KEY MANAGEMENT INFRASTRUCTURE (KMI)	73,356	73,356
216	0303140D8Z	INFORMATION SYSTEMS SECURITY PROGRAM	46,577	46,577
217	0303140G	INFORMATION SYSTEMS SECURITY PROGRAM	356,713	336,713
		GenCyber		[20,000]
		Program decrease		[−40,000]
218	0303140K	INFORMATION SYSTEMS SECURITY PROGRAM	8,922	8,922
219	0303150K	GLOBAL COMMAND AND CONTROL SYSTEM	3,695	3,695
220	0303153K	DEFENSE SPECTRUM ORGANIZATION	20,113	20,113
223	0303228K	JOINT REGIONAL SECURITY STACKS (JRSS)	9,728	0
		Program decrease		[−9,728]
231	0305128V	SECURITY AND INVESTIGATIVE ACTIVITIES	5,700	5,700
235	0305186D8Z	POLICY R&D PROGRAMS	7,144	7,144
236	0305199D8Z	NET CENTRICITY	21,793	21,793
238	0305208BB	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	6,066	6,066
245	0305387D8Z	HOMELAND DEFENSE TECHNOLOGY TRANSFER PROGRAM	2,190	2,190
252	0708012K	LOGISTICS SUPPORT ACTIVITIES	1,654	1,654
253	0708012S	PACIFIC DISASTER CENTERS	1,785	1,785
254	0708047S	DEFENSE PROPERTY ACCOUNTABILITY SYSTEM	7,301	7,301
256	1105219BB	MQ-9 UAV	21,265	21,265
258	1160403BB	AVIATION SYSTEMS	230,812	230,812
259	1160405BB	INTELLIGENCE SYSTEMS DEVELOPMENT	19,558	19,558
260	1160408BB	OPERATIONAL ENHANCEMENTS	136,041	151,041
		Machine learning and AI technologies to enable operational maneuver		[10,000]
		Modular expeditionary compact high-energy lasers		[5,000]
261	1160431BB	WARRIOR SYSTEMS	59,511	94,511
		Increased research for cUAS in austere locations abroad		[15,000]
		Program increase		[20,000]
262	1160432BB	SPECIAL PROGRAMS	10,500	10,500
263	1160434BB	UNMANNED ISR	19,154	19,154
264	1160480BB	SOF TACTICAL VEHICLES	9,263	9,263
265	1160483BB	MARITIME SYSTEMS	59,882	59,882
266	1160489BB	GLOBAL VIDEO SURVEILLANCE ACTIVITIES	4,606	4,606
267	1160490BB	OPERATIONAL ENHANCEMENTS INTELLIGENCE	11,612	11,612
268	1203610K	TELEPORT PROGRAM	3,239	3,239
268A	9999999999	CLASSIFIED PROGRAMS	4,746,466	4,746,466
		SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT ..	6,161,946	6,247,218
SOFTWARE AND DIGITAL TECHNOLOGY PILOT PROGRAMS				
269	0608197V	NATIONAL BACKGROUND INVESTIGATION SERVICES—SOFTWARE PILOT PROGRAM.	121,676	121,676

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION (In Thousands of Dollars)				
Line	Program Element	Item	FY 2021 Request	House Authorized
270	0608648D8Z	ACQUISITION VISIBILITY—SOFTWARE PILOT PROGRAM	16,848	16,848
271	0303150K	GLOBAL COMMAND AND CONTROL SYSTEM	86,750	76,750
		Program decrease		[-10,000]
272	0308588D8Z	ALGORITHMIC WARFARE CROSS FUNCTIONAL TEAMS—SOFTWARE PILOT PROGRAM.	250,107	200,107
		Program decrease		[-50,000]
		SUBTOTAL SOFTWARE AND DIGITAL TECHNOLOGY PILOT PROGRAMS.	475,381	415,381
		UNDISTRIBUTED		
273A		PANDEMIC PREPAREDNESS AND RESILIENCE NATIONAL SECURITY FUND.		1,000,000
		Program increase		[1,000,000]
		SUBTOTAL UNDISTRIBUTED		1,000,000
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, DW.	24,280,891	25,333,163
		OPERATIONAL TEST & EVAL, DEFENSE MANAGEMENT SUPPORT		
001	0605118OTE	OPERATIONAL TEST AND EVALUATION	100,021	100,021
002	0605131OTE	LIVE FIRE TEST AND EVALUATION	70,933	70,933
003	0605814OTE	OPERATIONAL TEST ACTIVITIES AND ANALYSES	39,136	39,136
		SUBTOTAL MANAGEMENT SUPPORT	210,090	210,090
		TOTAL OPERATIONAL TEST & EVAL, DEFENSE	210,090	210,090
		TOTAL RDT&E	106,224,793	106,700,328

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 2021 Request	House Authorized
		RESEARCH, DEVELOPMENT, TEST & EVAL, ARMY APPLIED RESEARCH		
016	0602145A	NEXT GENERATION COMBAT VEHICLE TECHNOLOGY	2,000	2,000
		SUBTOTAL APPLIED RESEARCH	2,000	2,000
		ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES		
080	0603327A	AIR AND MISSILE DEFENSE SYSTEMS ENGINEERING	500	500
114	0604785A	INTEGRATED BASE DEFENSE (BUDGET ACTIVITY 4)	2,020	2,020
		SUBTOTAL ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES.	2,520	2,520
		SYSTEM DEVELOPMENT & DEMONSTRATION		
131	0604741A	AIR DEFENSE COMMAND, CONTROL AND INTELLIGENCE—ENG DEV.	27,000	27,000
159	0605035A	COMMON INFRARED COUNTERMEASURES (CIRCM)	2,300	2,300
166	0605051A	AIRCRAFT SURVIVABILITY DEVELOPMENT	64,625	64,625
183	0304270A	ELECTRONIC WARFARE DEVELOPMENT	3,900	3,900
		SUBTOTAL SYSTEM DEVELOPMENT & DEMONSTRATION.	97,825	97,825
		MANAGEMENT SUPPORT		
198	0605709A	EXPLOITATION OF FOREIGN ITEMS	1,000	1,000
209	0606003A	COUNTERINTEL AND HUMAN INTEL MODERNIZATION	4,137	4,137
		SUBTOTAL MANAGEMENT SUPPORT	5,137	5,137
		OPERATIONAL SYSTEMS DEVELOPMENT		
239	0303802A	OTHER MISSILE PRODUCT IMPROVEMENT PROGRAMS	2,300	2,300
248	0303028A	SECURITY AND INTELLIGENCE ACTIVITIES	23,367	23,367
257	0305204A	TACTICAL UNMANNED AERIAL VEHICLES	34,100	34,100
258	0305206A	AIRBORNE RECONNAISSANCE SYSTEMS	15,575	15,575
		SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT	75,342	75,342

SEC. 4202. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION FOR OVERSEAS CONTINGENCY OPERATIONS (In Thousands of Dollars)				
Line	Program Element	Item	FY 2021 Request	House Authorized
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, ARMY.	182,824	182,824
		RESEARCH, DEVELOPMENT, TEST & EVAL, NAVY		
		ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES		
039	0603527N	RETRACT LARCH	36,500	36,500
058	0603654N	JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT	14,461	14,461
063	0603734N	CHALK CORAL	3,000	3,000
071	0603795N	LAND ATTACK TECHNOLOGY	1,457	1,457
		SUBTOTAL ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES.	55,418	55,418
		SYSTEM DEVELOPMENT & DEMONSTRATION		
142	0604755N	SHIP SELF DEFENSE (DETECT & CONTROL)	1,144	1,144
		SUBTOTAL SYSTEM DEVELOPMENT & DEMONSTRATION.	1,144	1,144
		OPERATIONAL SYSTEMS DEVELOPMENT		
229	0206625M	USMC INTELLIGENCE/ELECTRONIC WARFARE SYSTEMS (MIP)	3,000	3,000
		SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT	3,000	3,000
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, NAVY.	59,562	59,562
		RESEARCH, DEVELOPMENT, TEST & EVAL, AF		
		OPERATIONAL SYSTEMS DEVELOPMENT		
185	0205671F	JOINT COUNTER RCIED ELECTRONIC WARFARE	4,080	4,080
228	0208288F	INTEL DATA APPLICATIONS	1,224	1,224
		SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT	5,304	5,304
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, AF.	5,304	5,304
		RESEARCH, DEVELOPMENT, TEST & EVAL, DW		
		APPLIED RESEARCH		
010	0602134BR	COUNTER IMPROVISED-THREAT ADVANCED STUDIES	3,699	3,699
		SUBTOTAL APPLIED RESEARCH	3,699	3,699
		ADVANCED TECHNOLOGY DEVELOPMENT		
026	0603122D8Z	COMBATING TERRORISM TECHNOLOGY SUPPORT	19,288	19,288
028	0603134BR	COUNTER IMPROVISED-THREAT SIMULATION	3,861	3,861
		SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT ...	23,149	23,149
		ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES		
097	0604134BR	COUNTER IMPROVISED-THREAT DEMONSTRATION, PROTOTYPE DEVELOPMENT, AND TESTING.	19,931	19,931
		SUBTOTAL ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES.	19,931	19,931
		OPERATIONAL SYSTEMS DEVELOPMENT		
260	1160408BB	OPERATIONAL ENHANCEMENTS	1,186	1,186
261	1160431BB	WARRIOR SYSTEMS	5,796	5,796
263	1160434BB	UNMANNED ISR	5,000	5,000
268A	999999999	CLASSIFIED PROGRAMS	24,057	24,057
		SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT	36,039	36,039
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, DW.	82,818	82,818
		TOTAL RDT&E	330,508	330,508

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 2021 Request	House Authorized
OPERATION & MAINTENANCE, ARMY			
OPERATING FORCES			
020	MODULAR SUPPORT BRIGADES	159,834	143,834
	Unjustified funding for Dynamic Force Employment		[−16,000]
030	ECHELONS ABOVE BRIGADE	663,751	660,951
	Unjustified funding for Dynamic Force Employment		[−2,800]
040	THEATER LEVEL ASSETS	956,477	956,477
050	LAND FORCES OPERATIONS SUPPORT	1,157,635	1,167,984
	Establishment of Joint CUAS Office		[10,349]
060	AVIATION ASSETS	1,453,024	1,403,024
	Unjustified funding for Dynamic Force Employment		[−50,000]
070	FORCE READINESS OPERATIONS SUPPORT	4,713,660	4,713,660
080	LAND FORCES SYSTEMS READINESS	404,161	404,161
090	LAND FORCES DEPOT MAINTENANCE	1,413,359	1,513,359
	Program increase for depot maintenance activities		[100,000]
100	BASE OPERATIONS SUPPORT	8,220,093	8,320,093
	Child Youth Services program increase		[100,000]
110	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZA- TION	3,581,071	3,647,387
	Program increase for additional facility requirements		[66,316]
120	MANAGEMENT AND OPERATIONAL HEADQUARTERS	411,844	411,844
160	US AFRICA COMMAND	239,387	239,387
170	US EUROPEAN COMMAND	160,761	160,761
180	US SOUTHERN COMMAND	197,826	197,826
190	US FORCES KOREA	65,152	65,152
200	CYBERSPACE ACTIVITIES—CYBERSPACE OPERATIONS	430,109	430,109
210	CYBERSPACE ACTIVITIES—CYBERSECURITY	464,117	464,117
	SUBTOTAL OPERATING FORCES	24,692,261	24,900,126
MOBILIZATION			
220	STRATEGIC MOBILITY	402,236	402,236
230	ARMY PREPOSITIONED STOCKS	324,306	324,306
240	INDUSTRIAL PREPAREDNESS	3,653	3,653
	SUBTOTAL MOBILIZATION	730,195	730,195
TRAINING AND RECRUITING			
250	OFFICER ACQUISITION	165,142	165,142
260	RECRUIT TRAINING	76,509	76,509
270	ONE STATION UNIT TRAINING	88,523	88,523
280	SENIOR RESERVE OFFICERS TRAINING CORPS	535,578	535,578
290	SPECIALIZED SKILL TRAINING	981,436	981,436
300	FLIGHT TRAINING	1,204,768	1,204,768
310	PROFESSIONAL DEVELOPMENT EDUCATION	215,195	215,195
320	TRAINING SUPPORT	575,232	575,232
330	RECRUITING AND ADVERTISING	722,612	722,612
340	EXAMINING	185,522	185,522
350	OFF-DUTY AND VOLUNTARY EDUCATION	221,503	221,503
360	CIVILIAN EDUCATION AND TRAINING	154,651	154,651
370	JUNIOR RESERVE OFFICER TRAINING CORPS	173,286	173,286
	SUBTOTAL TRAINING AND RECRUITING	5,299,957	5,299,957
ADMIN & SRVWIDE ACTIVITIES			
390	SERVICEWIDE TRANSPORTATION	491,926	491,926
400	CENTRAL SUPPLY ACTIVITIES	812,613	812,613
410	LOGISTIC SUPPORT ACTIVITIES	676,178	676,178
420	AMMUNITION MANAGEMENT	437,774	437,774
430	ADMINISTRATION	438,048	438,048
440	SERVICEWIDE COMMUNICATIONS	1,638,872	1,628,872
	Reprioritization		[−10,000]
450	MANPOWER MANAGEMENT	300,046	300,046
460	OTHER PERSONNEL SUPPORT	701,103	701,103

SEC. 4301. OPERATION AND MAINTENANCE (In Thousands of Dollars)			
Line	Item	FY 2021 Request	House Authorized
470	OTHER SERVICE SUPPORT	1,887,133	1,852,493
	Servicewoman's Commemorative Partnership		[3,000]
	Transfer to DAWDF—reversal of DWR transfers		[-37,640]
480	ARMY CLAIMS ACTIVITIES	195,291	195,291
490	REAL ESTATE MANAGEMENT	229,537	229,537
500	FINANCIAL MANAGEMENT AND AUDIT READINESS	306,370	306,370
510	INTERNATIONAL MILITARY HEADQUARTERS	373,030	373,030
520	MISC. SUPPORT OF OTHER NATIONS	32,719	32,719
565	CLASSIFIED PROGRAMS	1,069,915	1,069,915
	SUBTOTAL ADMIN & SRVWIDE ACTIVITIES	9,590,555	9,545,915
	UNDISTRIBUTED		
570	UNDISTRIBUTED		-215,200
	Foreign Currency adjustments		[-137,300]
	Historical unobligated balances		[-77,900]
	SUBTOTAL UNDISTRIBUTED		-215,200
	TOTAL OPERATION & MAINTENANCE, ARMY ..	40,312,968	40,260,993
	OPERATION & MAINTENANCE, ARMY RES		
	OPERATING FORCES		
010	MODULAR SUPPORT BRIGADES	10,784	10,784
020	ECHELONS ABOVE BRIGADE	530,425	530,425
030	THEATER LEVEL ASSETS	123,737	123,737
040	LAND FORCES OPERATIONS SUPPORT	589,582	589,582
050	AVIATION ASSETS	89,332	89,332
060	FORCE READINESS OPERATIONS SUPPORT	387,545	387,545
070	LAND FORCES SYSTEMS READINESS	97,569	97,569
080	LAND FORCES DEPOT MAINTENANCE	43,148	43,148
090	BASE OPERATIONS SUPPORT	587,098	587,098
100	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZA- TION	327,180	333,239
	Program increase for additional facility requirements		[6,059]
110	MANAGEMENT AND OPERATIONAL HEADQUARTERS	28,783	28,783
120	CYBERSPACE ACTIVITIES—CYBERSPACE OPERATIONS	2,745	2,745
130	CYBERSPACE ACTIVITIES—CYBERSECURITY	7,438	7,438
	SUBTOTAL OPERATING FORCES	2,825,366	2,831,425
	ADMIN & SRVWD ACTIVITIES		
140	SERVICEWIDE TRANSPORTATION	15,530	15,530
150	ADMINISTRATION	17,761	17,761
160	SERVICEWIDE COMMUNICATIONS	14,256	14,256
170	MANPOWER MANAGEMENT	6,564	6,564
180	RECRUITING AND ADVERTISING	55,240	55,240
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	109,351	109,351
	UNDISTRIBUTED		
210	UNDISTRIBUTED		-10,100
	Historical unobligated balances		[-10,100]
	SUBTOTAL UNDISTRIBUTED		-10,100
	TOTAL OPERATION & MAINTENANCE, ARMY RES	2,934,717	2,930,676
	OPERATION & MAINTENANCE, ARNG		
	OPERATING FORCES		
010	MANEUVER UNITS	769,449	769,449
020	MODULAR SUPPORT BRIGADES	204,604	204,604
030	ECHELONS ABOVE BRIGADE	812,072	812,072
040	THEATER LEVEL ASSETS	103,650	103,650
050	LAND FORCES OPERATIONS SUPPORT	32,485	32,485
060	AVIATION ASSETS	1,011,142	1,011,142
070	FORCE READINESS OPERATIONS SUPPORT	712,881	712,881
080	LAND FORCES SYSTEMS READINESS	47,732	47,732
090	LAND FORCES DEPOT MAINTENANCE	265,408	265,408
100	BASE OPERATIONS SUPPORT	1,106,704	1,106,704
110	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZA- TION	876,032	892,254
	Program increase for additional facility requirements		[16,222]
120	MANAGEMENT AND OPERATIONAL HEADQUARTERS	1,050,257	1,050,257

SEC. 4301. OPERATION AND MAINTENANCE (In Thousands of Dollars)			
Line	Item	FY 2021 Request	House Authorized
130	CYBERSPACE ACTIVITIES—CYBERSPACE OPERATIONS	7,998	7,998
140	CYBERSPACE ACTIVITIES—CYBERSECURITY	7,756	7,756
	SUBTOTAL OPERATING FORCES	7,008,170	7,024,392
	ADMIN & SRVWD ACTIVITIES		
150	SERVICEWIDE TRANSPORTATION	8,018	8,018
160	ADMINISTRATION	74,309	74,309
170	SERVICEWIDE COMMUNICATIONS	66,140	66,140
180	MANPOWER MANAGEMENT	9,087	9,087
190	OTHER PERSONNEL SUPPORT	251,714	251,714
200	REAL ESTATE MANAGEMENT	2,576	2,576
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	411,844	411,844
	UNDISTRIBUTED		
220	UNDISTRIBUTED		-19,900
	Historical unobligated balances		[-19,900]
	SUBTOTAL UNDISTRIBUTED		-19,900
	TOTAL OPERATION & MAINTENANCE, ARNG ..	7,420,014	7,416,336
	OPERATION & MAINTENANCE, NAVY		
	OPERATING FORCES		
010	MISSION AND OTHER FLIGHT OPERATIONS	5,738,746	5,359,952
	Transfer to OCO		[-378,794]
020	FLEET AIR TRAINING	2,213,673	2,161,673
	Restoration of Congressional mark		[-52,000]
030	AVIATION TECHNICAL DATA & ENGINEERING SERVICES	57,144	57,144
040	AIR OPERATIONS AND SAFETY SUPPORT	171,949	171,949
050	AIR SYSTEMS SUPPORT	838,767	834,067
	Restoration of Congressional mark		[-4,700]
060	AIRCRAFT DEPOT MAINTENANCE	1,459,447	1,459,447
070	AIRCRAFT DEPOT OPERATIONS SUPPORT	57,789	57,789
080	AVIATION LOGISTICS	1,264,665	1,234,430
	Restoration of Congressional mark		[-30,235]
090	MISSION AND OTHER SHIP OPERATIONS		-178,060
	Insufficient justification		[-195,000]
	Preservation of LCS 3 and LCS 4		[16,940]
100	SHIP OPERATIONS SUPPORT & TRAINING	1,117,067	1,110,267
	Restoration of Congressional mark		[-6,800]
110	SHIP DEPOT MAINTENANCE	7,859,104	8,530,664
	Preservation of LCS 3 and LCS 4		[21,560]
	Realignment from Procurement for Ship Depot Maintenance Pilot		[650,000]
120	SHIP DEPOT OPERATIONS SUPPORT	2,262,196	2,261,796
	Preservation of LCS 3 and LCS 4		[12,600]
	Restoration of Congressional mark		[-13,000]
125	SHIPYARD INFRASTRUCTURE OPTIMIZATION PLAN		90,000
	Realignment from Sustainment, Readiness, and Modernization		[90,000]
130	COMBAT COMMUNICATIONS AND ELECTRONIC WARFARE ...	1,521,360	1,502,360
	Restoration of Congressional mark		[-19,000]
140	SPACE SYSTEMS AND SURVEILLANCE	274,087	274,087
150	WARFARE TACTICS	741,609	741,609
160	OPERATIONAL METEOROLOGY AND OCEANOGRAPHY	401,382	401,382
170	COMBAT SUPPORT FORCES	1,546,273	936,273
	Restoration of Congressional mark		[-60,000]
	Transfer to OCO		[-550,000]
180	EQUIPMENT MAINTENANCE AND DEPOT OPERATIONS SUP- PORT	177,951	177,951
190	COMBATANT COMMANDERS CORE OPERATIONS	61,484	61,484
200	COMBATANT COMMANDERS DIRECT MISSION SUPPORT	102,330	102,330
210	MILITARY INFORMATION SUPPORT OPERATIONS	8,810	8,810
220	CYBERSPACE ACTIVITIES	567,496	567,496
230	FLEET BALLISTIC MISSILE	1,428,102	1,428,102
240	WEAPONS MAINTENANCE	995,762	950,762
	Restoration of Congressional mark		[-45,000]
250	OTHER WEAPON SYSTEMS SUPPORT	524,008	524,008
260	ENTERPRISE INFORMATION	1,229,056	1,184,056
	Program decrease		[-25,000]
	Restoration of Congressional mark		[-20,000]
270	SUSTAINMENT, RESTORATION AND MODERNIZATION	3,453,099	3,427,045

SEC. 4301. OPERATION AND MAINTENANCE (In Thousands of Dollars)			
Line	Item	FY 2021 Request	House Authorized
	Program increase for additional facility requirements		[63,946]
	Realignment to Shipyard Infrastructure Optimization Plan		[-90,000]
280	BASE OPERATING SUPPORT	4,627,966	4,603,966
	Restoration of Congressional mark		[-24,000]
	SUBTOTAL OPERATING FORCES	40,701,322	40,042,839
MOBILIZATION			
290	SHIP PREPOSITIONING AND SURGE	849,993	657,900
	Realignment to National Defense Sealift Fund		[-314,193]
	Restoration of Congressional mark		[-20,000]
	Strategic sealift (MSC surge) annual operating result loss		[57,000]
	Surge sealift readiness		[85,100]
300	READY RESERVE FORCE	436,029	376,029
	Acquisition and conversion of additional used vessels		[60,000]
	Realignment to National Defense Sealift Fund		[-120,000]
310	SHIP ACTIVATIONS/INACTIVATIONS	286,416	258,416
	Restoration of Congressional mark		[-28,000]
320	EXPEDITIONARY HEALTH SERVICES SYSTEMS	99,402	42,190
	Realignment to National Defense Sealift Fund		[-57,212]
330	COAST GUARD SUPPORT	25,235	25,235
	SUBTOTAL MOBILIZATION	1,697,075	1,359,770
TRAINING AND RECRUITING			
340	OFFICER ACQUISITION	186,117	186,117
350	RECRUIT TRAINING	13,206	13,206
360	RESERVE OFFICERS TRAINING CORPS	163,683	163,683
370	SPECIALIZED SKILL TRAINING	947,841	930,641
	Restoration of Congressional mark		[-17,200]
380	PROFESSIONAL DEVELOPMENT EDUCATION	367,647	369,147
	Sea Cadets		[1,500]
390	TRAINING SUPPORT	254,928	254,928
400	RECRUITING AND ADVERTISING	206,305	206,305
410	OFF-DUTY AND VOLUNTARY EDUCATION	103,799	103,799
420	CIVILIAN EDUCATION AND TRAINING	66,060	66,060
430	JUNIOR ROTC	56,276	56,276
	SUBTOTAL TRAINING AND RECRUITING	2,365,862	2,350,162
ADMIN & SRVWD ACTIVITIES			
440	ADMINISTRATION	1,249,410	1,216,410
	Restoration of Congressional mark		[-33,000]
450	CIVILIAN MANPOWER AND PERSONNEL MANAGEMENT	189,625	189,625
460	MILITARY MANPOWER AND PERSONNEL MANAGEMENT	499,904	499,904
470	MEDICAL ACTIVITIES	196,747	196,747
480	SERVICEWIDE TRANSPORTATION	165,708	160,614
	Unjustified funding for Dynamic Force Employment		[-5,094]
500	PLANNING, ENGINEERING, AND PROGRAM SUPPORT	519,716	519,716
510	ACQUISITION, LOGISTICS, AND OVERSIGHT	751,184	690,564
	Transfer to DAWDF—reversal of DWR transfers		[-60,620]
520	INVESTIGATIVE AND SECURITY SERVICES	747,519	736,519
	Restoration of Congressional mark		[-11,000]
625	CLASSIFIED PROGRAMS	608,670	608,670
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	4,928,483	4,818,769
UNDISTRIBUTED			
770	UNDISTRIBUTED		-71,900
	Foreign Currency adjustments		[-48,500]
	Historical unobligated balances		[-23,400]
	SUBTOTAL UNDISTRIBUTED		-71,900
	TOTAL OPERATION & MAINTENANCE, NAVY ..	49,692,742	48,499,640
OPERATION & MAINTENANCE, MARINE CORPS			
OPERATING FORCES			
010	OPERATIONAL FORCES	941,143	527,743
	Transfer to OCO		[-400,000]
	Unjustified funding for Dynamic Force Employment		[-13,400]
020	FIELD LOGISTICS	1,277,798	1,277,798
030	DEPOT MAINTENANCE	206,907	206,907
040	MARITIME PREPOSITIONING	103,614	103,614
050	CYBERSPACE ACTIVITIES	215,974	215,974

SEC. 4301. OPERATION AND MAINTENANCE (In Thousands of Dollars)			
Line	Item	FY 2021 Request	House Authorized
060	SUSTAINMENT, RESTORATION & MODERNIZATION	938,063	955,434
	Program increase for additional facility requirements		[17,371]
070	BASE OPERATING SUPPORT	2,264,680	2,264,680
	SUBTOTAL OPERATING FORCES	5,948,179	5,552,150
	TRAINING AND RECRUITING		
080	RECRUIT TRAINING	20,751	20,751
090	OFFICER ACQUISITION	1,193	1,193
100	SPECIALIZED SKILL TRAINING	110,149	110,149
110	PROFESSIONAL DEVELOPMENT EDUCATION	69,509	69,509
120	TRAINING SUPPORT	412,613	412,613
130	RECRUITING AND ADVERTISING	215,464	215,464
140	OFF-DUTY AND VOLUNTARY EDUCATION	33,719	33,719
150	JUNIOR ROTC	25,784	25,784
	SUBTOTAL TRAINING AND RECRUITING	889,182	889,182
	ADMIN & SRVWD ACTIVITIES		
160	SERVICEWIDE TRANSPORTATION	32,005	32,005
170	ADMINISTRATION	399,363	399,363
215	CLASSIFIED PROGRAMS	59,878	59,878
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	491,246	491,246
	UNDISTRIBUTED		
230	UNDISTRIBUTED		-19,700
	Foreign Currency adjustments		[-13,400]
	Historical unobligated balances		[-6,300]
	SUBTOTAL UNDISTRIBUTED		-19,700
	TOTAL OPERATION & MAINTENANCE, MA- RINE CORPS	7,328,607	6,912,878
	OPERATION & MAINTENANCE, NAVY RES OPERATING FORCES		
010	MISSION AND OTHER FLIGHT OPERATIONS	635,070	635,070
020	INTERMEDIATE MAINTENANCE	8,713	8,713
030	AIRCRAFT DEPOT MAINTENANCE	105,088	105,088
040	AIRCRAFT DEPOT OPERATIONS SUPPORT	398	398
050	AVIATION LOGISTICS	27,284	27,284
070	COMBAT COMMUNICATIONS	17,894	17,894
080	COMBAT SUPPORT FORCES	132,862	132,862
090	CYBERSPACE ACTIVITIES	453	453
100	ENTERPRISE INFORMATION	26,073	26,073
110	SUSTAINMENT, RESTORATION AND MODERNIZATION	48,762	49,665
	Program increase for additional facility requirements		[903]
120	BASE OPERATING SUPPORT	103,580	103,580
	SUBTOTAL OPERATING FORCES	1,106,177	1,107,080
	ADMIN & SRVWD ACTIVITIES		
130	ADMINISTRATION	1,927	1,927
140	MILITARY MANPOWER AND PERSONNEL MANAGEMENT	15,895	15,895
150	ACQUISITION AND PROGRAM MANAGEMENT	3,047	3,047
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	20,869	20,869
	UNDISTRIBUTED		
190	UNDISTRIBUTED		-3,800
	Historical unobligated balances		[-3,800]
	SUBTOTAL UNDISTRIBUTED		-3,800
	TOTAL OPERATION & MAINTENANCE, NAVY RES	1,127,046	1,124,149
	OPERATION & MAINTENANCE, MC RESERVE OPERATING FORCES		
010	OPERATING FORCES	104,616	104,616
020	DEPOT MAINTENANCE	17,053	17,053
030	SUSTAINMENT, RESTORATION AND MODERNIZATION	41,412	42,179
	Program increase for additional facility requirements		[767]
040	BASE OPERATING SUPPORT	107,773	107,773
	SUBTOTAL OPERATING FORCES	270,854	271,621

SEC. 4301. OPERATION AND MAINTENANCE (In Thousands of Dollars)			
Line	Item	FY 2021 Request	House Authorized
ADMIN & SRVWD ACTIVITIES			
050	ADMINISTRATION	13,802	13,802
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	13,802	13,802
UNDISTRIBUTED			
70	UNDISTRIBUTED		-700
	Historical unobligated balances		[-700]
	SUBTOTAL UNDISTRIBUTED		-700
	TOTAL OPERATION & MAINTENANCE, MC RE-SERVE	284,656	284,723
OPERATION & MAINTENANCE, AIR FORCE OPERATING FORCES			
010	PRIMARY COMBAT FORCES	731,511	733,181
	A-10 retention		[1,670]
020	COMBAT ENHANCEMENT FORCES	1,275,485	1,275,485
030	AIR OPERATIONS TRAINING (OJT, MAINTAIN SKILLS)	1,437,095	1,449,525
	A-10 retention		[12,430]
040	DEPOT PURCHASE EQUIPMENT MAINTENANCE		154,260
	A-10 retention		[81,460]
	KC-135 and KC-10 aircraft retention		[72,800]
050	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	3,241,216	3,301,238
	Program increase for additional facility requirements		[60,022]
060	CYBERSPACE SUSTAINMENT	235,816	235,816
070	CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT	1,508,342	1,508,342
080	FLYING HOUR PROGRAM	4,458,457	4,511,317
	A-10 retention		[52,860]
090	BASE SUPPORT	7,497,288	7,487,088
	Unjustified funding for Dynamic Force Employment		[-10,200]
100	GLOBAL C3I AND EARLY WARNING	849,842	849,842
110	OTHER COMBAT OPS SPT PROGRAMS	1,067,055	820,725
	Realignment from Base to OCO		[-246,330]
120	CYBERSPACE ACTIVITIES	698,579	693,579
	Program decrease		[-5,000]
150	SPACE CONTROL SYSTEMS	34,194	34,194
160	US NORTHCOM/NORAD	204,268	204,268
170	US STRATCOM	526,809	526,809
180	US CYBERCOM	314,524	314,524
190	US CENTCOM	186,116	186,116
200	US SOCOM	9,881	9,881
210	US TRANSCOM	1,046	1,046
230	USSPACECOM	249,022	249,022
235	CLASSIFIED PROGRAMS	1,289,339	1,289,339
	SUBTOTAL OPERATING FORCES	25,815,885	25,835,597
MOBILIZATION			
240	AIRLIFT OPERATIONS	1,350,031	1,110,031
	Realignment from Base to OCO		[-240,000]
250	MOBILIZATION PREPAREDNESS	647,168	647,168
	SUBTOTAL MOBILIZATION	1,997,199	1,757,199
TRAINING AND RECRUITING			
260	OFFICER ACQUISITION	142,548	142,548
270	RECRUIT TRAINING	25,720	25,720
280	RESERVE OFFICERS TRAINING CORPS (ROTC)	128,295	128,295
290	SPECIALIZED SKILL TRAINING	417,335	417,335
300	FLIGHT TRAINING	615,033	615,033
310	PROFESSIONAL DEVELOPMENT EDUCATION	298,795	298,795
320	TRAINING SUPPORT	85,844	85,844
330	RECRUITING AND ADVERTISING	155,065	155,065
340	EXAMINING	4,474	4,474
350	OFF-DUTY AND VOLUNTARY EDUCATION	219,349	219,349
360	CIVILIAN EDUCATION AND TRAINING	361,570	371,570
	Sustainment Workforce Development Program increase		[10,000]
370	JUNIOR ROTC	72,126	72,126
	SUBTOTAL TRAINING AND RECRUITING	2,526,154	2,536,154
ADMIN & SRVWD ACTIVITIES			

SEC. 4301. OPERATION AND MAINTENANCE (In Thousands of Dollars)			
Line	Item	FY 2021 Request	House Authorized
380	LOGISTICS OPERATIONS	672,426	672,426
390	TECHNICAL SUPPORT ACTIVITIES	145,130	103,070
	Transfer to DAWDF—reversal of DWR transfers		[-42,060]
400	ADMINISTRATION	851,251	851,251
410	SERVICEWIDE COMMUNICATIONS	28,554	28,554
420	OTHER SERVICEWIDE ACTIVITIES	1,188,414	1,188,414
430	CIVIL AIR PATROL	28,772	43,215
	Program increase		[14,443]
450	INTERNATIONAL SUPPORT	158,803	158,803
455	CLASSIFIED PROGRAMS	1,338,009	1,338,009
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	4,411,359	4,383,742
	UNDISTRIBUTED		
550	UNDISTRIBUTED		-72,700
	Foreign Currency adjustments		[-39,400]
	Historical unobligated balances		[-33,300]
	SUBTOTAL UNDISTRIBUTED		-72,700
	TOTAL OPERATION & MAINTENANCE, AIR FORCE	34,750,597	34,439,992
	OPERATION & MAINTENANCE, SPACE FORCE OPERATING FORCES		
020	GLOBAL C3I & EARLY WARNING	276,109	276,109
030	SPACE LAUNCH OPERATIONS	177,056	177,056
040	SPACE OPERATIONS	475,338	475,338
050	EDUCATION & TRAINING	18,660	18,660
060	SPECIAL PROGRAMS	137,315	137,315
070	DEPOT MAINTENANCE	250,324	250,324
080	CONTRACTOR LOGISTICS & SYSTEM SUPPORT	1,063,969	1,063,969
	SUBTOTAL OPERATING FORCES	2,398,771	2,398,771
	ADMINISTRATION AND SERVICE WIDE ACTIVITIES		
090	ADMINISTRATION	132,523	132,523
	SUBTOTAL ADMINISTRATION AND SERVICE WIDE ACTIVITIES	132,523	132,523
	UNDISTRIBUTED		
110	UNDISTRIBUTED		-2,400
	Historical unobligated balances		[-2,400]
	SUBTOTAL UNDISTRIBUTED		-2,400
	TOTAL OPERATION & MAINTENANCE, SPACE FORCE	2,531,294	2,528,894
	OPERATION & MAINTENANCE, AF RESERVE OPERATING FORCES		
010	PRIMARY COMBAT FORCES	1,782,016	1,782,016
020	MISSION SUPPORT OPERATIONS	215,209	215,209
030	DEPOT PURCHASE EQUIPMENT MAINTENANCE	453,896	476,096
	KC-135 and KC-10 aircraft retention		[22,200]
040	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZA- TION	103,414	105,329
	Program increase for additional facility requirements		[1,915]
050	CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT	224,977	224,977
060	BASE SUPPORT	452,468	452,468
070	CYBERSPACE ACTIVITIES	2,259	2,259
	SUBTOTAL OPERATING FORCES	3,234,239	3,258,354
	ADMINISTRATION AND SERVICEWIDE ACTIVITIES		
080	ADMINISTRATION	74,258	74,258
090	RECRUITING AND ADVERTISING	23,121	23,121
100	MILITARY MANPOWER AND PERS MGMT (ARPC)	12,006	12,006
110	OTHER PERS SUPPORT (DISABILITY COMP)	6,165	6,165
120	AUDIOVISUAL	495	495
	SUBTOTAL ADMINISTRATION AND SERVICEWIDE ACTIVITIES	116,045	116,045
	UNDISTRIBUTED		
130	UNDISTRIBUTED		-9,100

SEC. 4301. OPERATION AND MAINTENANCE (In Thousands of Dollars)			
Line	Item	FY 2021 Request	House Authorized
	Historical unobligated balances		[-9,100]
	SUBTOTAL UNDISTRIBUTED		-9,100
	TOTAL OPERATION & MAINTENANCE, AF RE-SERVE	3,350,284	3,365,299
	OPERATION & MAINTENANCE, ANG OPERATING FORCES		
010	AIRCRAFT OPERATIONS	2,476,205	2,476,205
020	MISSION SUPPORT OPERATIONS	611,325	611,325
030	DEPOT PURCHASE EQUIPMENT MAINTENANCE	1,138,919	1,153,919
	KC-135 aircraft retention		[15,000]
040	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	323,605	359,598
	Installation recovery		[30,000]
	Program increase for additional facility requirements		[5,993]
050	CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT	1,100,828	1,100,828
060	BASE SUPPORT	962,438	962,438
070	CYBERSPACE SUSTAINMENT	27,028	27,028
080	CYBERSPACE ACTIVITIES	16,380	16,380
	SUBTOTAL OPERATING FORCES	6,656,728	6,707,721
	ADMINISTRATION AND SERVICE-WIDE ACTIVITIES		
090	ADMINISTRATION	48,218	48,218
100	RECRUITING AND ADVERTISING	48,696	48,696
	SUBTOTAL ADMINISTRATION AND SERVICE-WIDE ACTIVITIES	96,914	96,914
	UNDISTRIBUTED		
110	UNDISTRIBUTED		-13,300
	Historical unobligated balances		[-13,300]
	SUBTOTAL UNDISTRIBUTED		-13,300
	TOTAL OPERATION & MAINTENANCE, ANG	6,753,642	6,791,335
	OPERATION AND MAINTENANCE, DEFENSE-WIDE OPERATING FORCES		
010	JOINT CHIEFS OF STAFF	439,111	439,111
020	JOINT CHIEFS OF STAFF—CE2T2	535,728	535,728
030	JOINT CHIEFS OF STAFF—CYBER	24,728	24,728
040	SPECIAL OPERATIONS COMMAND COMBAT DEVELOPMENT ACTIVITIES	1,069,971	1,069,971
050	SPECIAL OPERATIONS COMMAND CYBERSPACE ACTIVITIES	9,800	9,800
060	SPECIAL OPERATIONS COMMAND INTELLIGENCE	561,907	556,907
	Unjustified growth		[-5,000]
070	SPECIAL OPERATIONS COMMAND MAINTENANCE	685,097	680,097
	Program decrease		[-5,000]
080	SPECIAL OPERATIONS COMMAND MANAGEMENT/OPERATIONAL HEADQUARTERS	158,971	158,971
090	SPECIAL OPERATIONS COMMAND OPERATIONAL SUPPORT	1,062,748	1,062,748
100	SPECIAL OPERATIONS COMMAND THEATER FORCES	2,598,385	2,598,385
	SUBTOTAL OPERATING FORCES	7,146,446	7,136,446
	TRAINING AND RECRUITING		
120	DEFENSE ACQUISITION UNIVERSITY	162,963	162,963
130	JOINT CHIEFS OF STAFF	95,684	95,684
140	PROFESSIONAL DEVELOPMENT EDUCATION	33,301	33,301
	SUBTOTAL TRAINING AND RECRUITING	291,948	291,948
	ADMIN & SRVWIDE ACTIVITIES		
160	CIVIL MILITARY PROGRAMS	147,993	167,993
	Program increase—STARBASE		[20,000]
180	DEFENSE CONTRACT AUDIT AGENCY	604,835	636,565
	Restoration of DWR reductions		[31,730]
190	DEFENSE CONTRACT AUDIT AGENCY—CYBER	3,282	3,282
210	DEFENSE CONTRACT MANAGEMENT AGENCY	1,370,681	1,445,781
	Restoration of DWR reductions		[75,100]
220	DEFENSE CONTRACT MANAGEMENT AGENCY—CYBER	22,532	22,532

SEC. 4301. OPERATION AND MAINTENANCE (In Thousands of Dollars)			
Line	Item	FY 2021 Request	House Authorized
230	DEFENSE COUNTERINTELLIGENCE AND SECURITY AGENCY	949,008	949,008
250	DEFENSE COUNTERINTELLIGENCE AND SECURITY AGENCY—CYBER	9,577	9,577
260	DEFENSE HUMAN RESOURCES ACTIVITY	799,952	813,356
	Defense Flagship Language and Project Global Officer program increase		[13,404]
270	DEFENSE HUMAN RESOURCES ACTIVITY—CYBER	20,806	20,806
280	DEFENSE INFORMATION SYSTEMS AGENCY	1,883,190	1,871,590
	JRSS program decrease		[−11,600]
290	DEFENSE INFORMATION SYSTEMS AGENCY—CYBER	582,639	582,639
330	DEFENSE LEGAL SERVICES AGENCY	37,637	37,637
340	DEFENSE LOGISTICS AGENCY	382,084	412,084
	Maternity Uniform Pilot Program		[10,000]
	Program increase—PTAP		[20,000]
350	DEFENSE MEDIA ACTIVITY	196,997	205,997
	Stars and Stripes		[9,000]
360	DEFENSE PERSONNEL ACCOUNTING AGENCY	129,225	129,225
370	DEFENSE SECURITY COOPERATION AGENCY	598,559	598,559
400	DEFENSE TECHNOLOGY SECURITY ADMINISTRATION	38,432	38,432
410	DEFENSE THREAT REDUCTION AGENCY	591,780	591,780
430	DEFENSE THREAT REDUCTION AGENCY—CYBER	24,635	24,635
440	DEPARTMENT OF DEFENSE EDUCATION ACTIVITY	2,941,429	2,991,429
	Impact Aid		[40,000]
	Impact Aid for children with disabilities		[10,000]
450	MISSILE DEFENSE AGENCY	505,858	505,858
480	OFFICE OF ECONOMIC ADJUSTMENT	40,272	129,272
	Defense Community Infrastructure Program		[50,000]
	Guam Public Health Laboratory		[19,000]
	Restoration of DWR reduction		[20,000]
490	OFFICE OF THE SECRETARY OF DEFENSE	1,540,446	1,631,946
	Additional FTEs, Office of the Deputy Assistant Secretary for Environment		[2,000]
	Additional FTEs, Office of the Deputy Assistant Secretary for Facilities Management		[2,000]
	Basic needs allowance		[50,000]
	National Security Commission on Artificial Intelligence (NSCAI)		[2,500]
	Program increase—Readiness and Environmental Protection Initiative		[25,000]
	Undersecretary of Defense for Intelligence and Security, medical intelligence improvements		[10,000]
500	OFFICE OF THE SECRETARY OF DEFENSE—CYBER	51,630	51,630
510	SPACE DEVELOPMENT AGENCY	48,166	36,166
	Reduction for studies		[−7,000]
	Unjustified growth		[−5,000]
530	WASHINGTON HEADQUARTERS SERVICES	340,291	340,291
535	CLASSIFIED PROGRAMS	17,348,749	17,348,749
	SUBTOTAL ADMIN & SRVWIDE ACTIVITIES	31,210,685	31,596,819
	UNDISTRIBUTED		
600	UNDISTRIBUTED		−88,000
	Foreign Currency adjustments		[−18,700]
	Historical unobligated balances		[−69,300]
	SUBTOTAL UNDISTRIBUTED		−88,000
	TOTAL OPERATION AND MAINTENANCE, DEFENSE-WIDE	38,649,079	38,937,213
	US COURT OF APPEALS FOR ARMED FORCES, DEF ADMINISTRATION AND ASSOCIATED ACTIVITIES		
010	US COURT OF APPEALS FOR THE ARMED FORCES, DEFENSE	15,211	15,211
	SUBTOTAL ADMINISTRATION AND ASSOCIATED ACTIVITIES	15,211	15,211
	TOTAL US COURT OF APPEALS FOR ARMED FORCES, DEF	15,211	15,211

SEC. 4301. OPERATION AND MAINTENANCE (In Thousands of Dollars)			
Line	Item	FY 2021 Request	House Authorized
DOD ACQUISITION WORKFORCE DEVELOPMENT FUND			
ACQUISITION WORKFORCE DEVELOPMENT			
010	ACQ WORKFORCE DEV FD	58,181	198,501
	Transfer from services—reversal of DWR transfers		[140,320]
	SUBTOTAL ACQUISITION WORKFORCE DEVELOPMENT	58,181	198,501
	TOTAL DOD ACQUISITION WORKFORCE DEVELOPMENT FUND	58,181	198,501
OVERSEAS HUMANITARIAN, DISASTER, AND CIVIC AID			
HUMANITARIAN ASSISTANCE			
010	OVERSEAS HUMANITARIAN, DISASTER AND CIVIC AID	109,900	109,900
	SUBTOTAL HUMANITARIAN ASSISTANCE	109,900	109,900
	TOTAL OVERSEAS HUMANITARIAN, DISASTER, AND CIVIC AID	109,900	109,900
COOPERATIVE THREAT REDUCTION ACCOUNT			
COOPERATIVE THREAT REDUCTION			
010	COOPERATIVE THREAT REDUCTION	238,490	373,690
	Restoration of funding		[135,200]
	SUBTOTAL COOPERATIVE THREAT REDUCTION	238,490	373,690
	TOTAL COOPERATIVE THREAT REDUCTION ACCOUNT	238,490	373,690
ENVIRONMENTAL RESTORATION			
DEPARTMENT OF THE ARMY			
050	ENVIRONMENTAL RESTORATION, ARMY	207,518	207,518
	SUBTOTAL DEPARTMENT OF THE ARMY	207,518	207,518
DEPARTMENT OF THE NAVY			
060	ENVIRONMENTAL RESTORATION, NAVY	335,932	335,932
	SUBTOTAL DEPARTMENT OF THE NAVY	335,932	335,932
DEPARTMENT OF THE AIR FORCE			
070	ENVIRONMENTAL RESTORATION, AIR FORCE	303,926	303,926
	SUBTOTAL DEPARTMENT OF THE AIR FORCE ...	303,926	303,926
DEFENSE-WIDE			
080	ENVIRONMENTAL RESTORATION, DEFENSE	9,105	9,105
	SUBTOTAL DEFENSE-WIDE	9,105	9,105
DEFENSE-WIDE			
090	ENVIRONMENTAL RESTORATION FORMERLY USED SITES ..	216,587	266,587
	Military Munitions Response Program		[50,000]
	SUBTOTAL DEFENSE-WIDE	216,587	266,587
	TOTAL ENVIRONMENTAL RESTORATION	1,073,068	1,123,068
UNDISTRIBUTED			
010	UNDISTRIBUTED		-1,455,870
	Excessive standard price for fuel		[-1,455,870]
	SUBTOTAL UNDISTRIBUTED		-1,455,870
	TOTAL UNDISTRIBUTED		-1,455,870
	TOTAL OPERATION & MAINTENANCE	196,630,496	193,856,628

1 **SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS**2 **CONTINGENCY OPERATIONS.****SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS**
(In Thousands of Dollars)

Line	Item	FY 2021 Request	House Authorized
OPERATION & MAINTENANCE, ARMY			
OPERATING FORCES			
010	MANEUVER UNITS	4,114,001	3,789,001
	Drawdown from Operation Freedom's Sentinel		[-75,000]
	Unjustified funding for Dynamic Force Employment		[-250,000]
030	ECHELONS ABOVE BRIGADE	32,811	32,811
040	THEATER LEVEL ASSETS	2,542,760	2,102,760
	Drawdown from Operation Freedom's Sentinel		[-440,000]
050	LAND FORCES OPERATIONS SUPPORT	162,557	122,557
	Drawdown from Operation Freedom's Sentinel		[-40,000]
060	AVIATION ASSETS	204,396	179,572
	Drawdown from Operation Freedom's Sentinel		[-24,824]
070	FORCE READINESS OPERATIONS SUPPORT	5,716,734	4,716,734
	Drawdown from Operation Freedom's Sentinel		[-1,000,000]
080	LAND FORCES SYSTEMS READINESS	180,048	140,048
	Drawdown from Operation Freedom's Sentinel		[-40,000]
090	LAND FORCES DEPOT MAINTENANCE	81,125	81,125
100	BASE OPERATIONS SUPPORT	219,029	219,029
110	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION ...	301,017	301,017
130	ADDITIONAL ACTIVITIES	966,649	782,649
	Drawdown from Operation Freedom's Sentinel		[-184,000]
140	COMMANDER'S EMERGENCY RESPONSE PROGRAM	2,500	2,500
150	RESET	403,796	803,796
	Retrograde from Operation Freedom's Sentinel		[400,000]
160	US AFRICA COMMAND	100,422	100,422
170	US EUROPEAN COMMAND	120,043	120,043
200	CYBERSPACE ACTIVITIES—CYBERSPACE OPERATIONS	98,461	98,461
210	CYBERSPACE ACTIVITIES—CYBERSECURITY	21,256	21,256
	SUBTOTAL OPERATING FORCES	15,267,605	13,613,781
MOBILIZATION			
230	ARMY PREPOSITIONED STOCKS	103,052	103,052
	SUBTOTAL MOBILIZATION	103,052	103,052
TRAINING AND RECRUITING			
290	SPECIALIZED SKILL TRAINING	89,943	89,943
320	TRAINING SUPPORT	2,550	2,550
	SUBTOTAL TRAINING AND RECRUITING	92,493	92,493
ADMIN & SRVWIDE ACTIVITIES			
390	SERVICEWIDE TRANSPORTATION	521,090	821,090
	Retrograde from Operation Freedom's Sentinel		[300,000]
400	CENTRAL SUPPLY ACTIVITIES	43,897	43,897
410	LOGISTIC SUPPORT ACTIVITIES	68,423	68,423
420	AMMUNITION MANAGEMENT	29,162	29,162
440	SERVICEWIDE COMMUNICATIONS	11,447	11,447
470	OTHER SERVICE SUPPORT	5,839	5,839
490	REAL ESTATE MANAGEMENT	48,782	48,782
510	INTERNATIONAL MILITARY HEADQUARTERS	50,000	50,000
565	CLASSIFIED PROGRAMS	895,964	895,964
	SUBTOTAL ADMIN & SRVWIDE ACTIVITIES	1,674,604	1,974,604
	TOTAL OPERATION & MAINTENANCE, ARMY	17,137,754	15,783,930
OPERATION & MAINTENANCE, ARMY RES			
OPERATING FORCES			
020	ECHELONS ABOVE BRIGADE	17,193	17,193
060	FORCE READINESS OPERATIONS SUPPORT	440	440
090	BASE OPERATIONS SUPPORT	15,766	15,766
	SUBTOTAL OPERATING FORCES	33,399	33,399
	TOTAL OPERATION & MAINTENANCE, ARMY RES ...	33,399	33,399
OPERATION & MAINTENANCE, ARNG			
OPERATING FORCES			

SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS <i>(In Thousands of Dollars)</i>			
Line	Item	FY 2021 Request	House Authorized
010	MANEUVER UNITS	25,746	25,746
020	MODULAR SUPPORT BRIGADES	40	40
030	ECHELONS ABOVE BRIGADE	983	983
040	THEATER LEVEL ASSETS	22	22
060	AVIATION ASSETS	20,624	20,624
070	FORCE READINESS OPERATIONS SUPPORT	7,914	7,914
100	BASE OPERATIONS SUPPORT	24,417	24,417
	SUBTOTAL OPERATING FORCES	79,746	79,746
ADMIN & SRVWD ACTIVITIES			
170	SERVICEWIDE COMMUNICATIONS	46	46
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	46	46
	TOTAL OPERATION & MAINTENANCE, ARNG	79,792	79,792
AFGHANISTAN SECURITY FORCES FUND			
AFGHAN NATIONAL ARMY			
010	SUSTAINMENT	1,065,932	1,065,932
020	INFRASTRUCTURE	64,501	64,501
030	EQUIPMENT AND TRANSPORTATION	47,854	47,854
040	TRAINING AND OPERATIONS	56,780	56,780
	SUBTOTAL AFGHAN NATIONAL ARMY	1,235,067	1,235,067
AFGHAN NATIONAL POLICE			
050	SUSTAINMENT	434,500	434,500
060	INFRASTRUCTURE	448	448
070	EQUIPMENT AND TRANSPORTATION	108,231	108,231
080	TRAINING AND OPERATIONS	58,993	58,993
	SUBTOTAL AFGHAN NATIONAL POLICE	602,172	602,172
AFGHAN AIR FORCE			
090	SUSTAINMENT	534,102	534,102
100	INFRASTRUCTURE	9,532	9,532
110	EQUIPMENT AND TRANSPORTATION	58,487	58,487
120	TRAINING AND OPERATIONS	233,803	233,803
	SUBTOTAL AFGHAN AIR FORCE	835,924	835,924
AFGHAN SPECIAL SECURITY FORCES			
UNDISTRIBUTED			
130	SUSTAINMENT	680,024	680,024
140	INFRASTRUCTURE	2,532	2,532
150	EQUIPMENT AND TRANSPORTATION	486,808	486,808
160	TRAINING AND OPERATIONS	173,085	173,085
	SUBTOTAL AFGHAN SPECIAL SECURITY FORCES	1,342,449	1,342,449
170	UNDISTRIBUTED		-500,000
	<i>Insufficient justification</i>		<i>[-500,000]</i>
	SUBTOTAL UNDISTRIBUTED		-500,000
	TOTAL AFGHANISTAN SECURITY FORCES FUND	4,015,612	3,515,612
COUNTER ISIS TRAIN AND EQUIP FUND (CTEF)			
010	IRAQ	645,000	500,000
	<i>Program decrease</i>		<i>[-145,000]</i>
020	SYRIA	200,000	200,000
	TOTAL COUNTER ISIS TRAIN AND EQUIP FUND (CTEF)	845,000	700,000
OPERATION & MAINTENANCE, NAVY			
OPERATING FORCES			
010	MISSION AND OTHER FLIGHT OPERATIONS	382,062	760,856
	<i>Transfer from base</i>		<i>[378,794]</i>
030	AVIATION TECHNICAL DATA & ENGINEERING SERVICES	832	832
040	AIR OPERATIONS AND SAFETY SUPPORT	17,840	17,840
050	AIR SYSTEMS SUPPORT	210,692	210,692
060	AIRCRAFT DEPOT MAINTENANCE	170,580	170,580
070	AIRCRAFT DEPOT OPERATIONS SUPPORT	5,854	5,854
080	AVIATION LOGISTICS	33,707	33,707
090	MISSION AND OTHER SHIP OPERATIONS	5,817,696	5,817,696

SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS (In Thousands of Dollars)			
Line	Item	FY 2021 Request	House Authorized
100	SHIP OPERATIONS SUPPORT & TRAINING	20,741	20,741
110	SHIP DEPOT MAINTENANCE	2,072,470	2,072,470
130	COMBAT COMMUNICATIONS AND ELECTRONIC WARFARE	59,254	59,254
140	SPACE SYSTEMS AND SURVEILLANCE	18,000	18,000
150	WARFARE TACTICS	17,324	17,324
160	OPERATIONAL METEOROLOGY AND OCEANOGRAPHY	22,581	22,581
170	COMBAT SUPPORT FORCES	772,441	1,322,441
	Transfer from base		[550,000]
180	EQUIPMENT MAINTENANCE AND DEPOT OPERATIONS SUPPORT	5,788	5,788
200	COMBATANT COMMANDERS DIRECT MISSION SUPPORT	24,800	24,800
220	CYBERSPACE ACTIVITIES	369	369
240	WEAPONS MAINTENANCE	567,247	567,247
250	OTHER WEAPON SYSTEMS SUPPORT	12,571	12,571
270	SUSTAINMENT, RESTORATION AND MODERNIZATION	70,041	70,041
280	BASE OPERATING SUPPORT	218,792	218,792
	SUBTOTAL OPERATING FORCES	10,521,682	11,450,476
MOBILIZATION			
320	EXPEDITIONARY HEALTH SERVICES SYSTEMS	22,589	22,589
	SUBTOTAL MOBILIZATION	22,589	22,589
TRAINING AND RECRUITING			
370	SPECIALIZED SKILL TRAINING	53,204	53,204
	SUBTOTAL TRAINING AND RECRUITING	53,204	53,204
ADMIN & SRVWD ACTIVITIES			
440	ADMINISTRATION	9,983	9,983
460	MILITARY MANPOWER AND PERSONNEL MANAGEMENT	7,805	7,805
480	SERVICEWIDE TRANSPORTATION	72,097	72,097
510	ACQUISITION, LOGISTICS, AND OVERSIGHT	11,354	11,354
520	INVESTIGATIVE AND SECURITY SERVICES	1,591	1,591
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	102,830	102,830
	TOTAL OPERATION & MAINTENANCE, NAVY	10,700,305	11,629,099
OPERATION & MAINTENANCE, MARINE CORPS			
OPERATING FORCES			
010	OPERATIONAL FORCES	727,989	1,127,989
	Transfer from base		[400,000]
020	FIELD LOGISTICS	195,001	195,001
030	DEPOT MAINTENANCE	55,183	55,183
050	CYBERSPACE ACTIVITIES	10,000	10,000
070	BASE OPERATING SUPPORT	24,569	24,569
	SUBTOTAL OPERATING FORCES	1,012,742	1,412,742
TRAINING AND RECRUITING			
120	TRAINING SUPPORT	28,458	28,458
	SUBTOTAL TRAINING AND RECRUITING	28,458	28,458
ADMIN & SRVWD ACTIVITIES			
160	SERVICEWIDE TRANSPORTATION	61,400	61,400
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	61,400	61,400
	TOTAL OPERATION & MAINTENANCE, MARINE CORPS	1,102,600	1,502,600
OPERATION & MAINTENANCE, NAVY RES			
OPERATING FORCES			
020	INTERMEDIATE MAINTENANCE	522	522
030	AIRCRAFT DEPOT MAINTENANCE	11,861	11,861
080	COMBAT SUPPORT FORCES	9,109	9,109
	SUBTOTAL OPERATING FORCES	21,492	21,492
	TOTAL OPERATION & MAINTENANCE, NAVY RES ...	21,492	21,492
OPERATION & MAINTENANCE, MC RESERVE			
OPERATING FORCES			
010	OPERATING FORCES	7,627	7,627
040	BASE OPERATING SUPPORT	1,080	1,080
	SUBTOTAL OPERATING FORCES	8,707	8,707

SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS (In Thousands of Dollars)			
Line	Item	FY 2021 Request	House Authorized
	TOTAL OPERATION & MAINTENANCE, MC RE-SERVE	8,707	8,707
	OPERATION & MAINTENANCE, AIR FORCE OPERATING FORCES		
010	PRIMARY COMBAT FORCES	125,551	125,551
020	COMBAT ENHANCEMENT FORCES	916,538	916,538
030	AIR OPERATIONS TRAINING (OJT, MAINTAIN SKILLS)	93,970	93,970
040	DEPOT PURCHASE EQUIPMENT MAINTENANCE	3,528,059	3,528,059
050	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION ...	147,264	147,264
060	CYBERSPACE SUSTAINMENT	10,842	10,842
070	CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT	7,187,100	7,187,100
080	FLYING HOUR PROGRAM	2,031,548	2,031,548
090	BASE SUPPORT	1,540,444	1,540,444
100	GLOBAL C3I AND EARLY WARNING	13,709	13,709
110	OTHER COMBAT OPS SPT PROGRAMS	345,800	592,130
	Realignment from Base to OCO		[246,330]
120	CYBERSPACE ACTIVITIES	17,936	17,936
130	TACTICAL INTEL AND OTHER SPECIAL ACTIVITIES	36,820	36,820
140	LAUNCH FACILITIES	70	70
150	SPACE CONTROL SYSTEMS	1,450	1,450
160	US NORTHCOM/NORAD	725	725
170	US STRATCOM	856	856
180	US CYBERCOM	35,189	35,189
190	US CENTCOM	126,934	126,934
	SUBTOTAL OPERATING FORCES	16,160,805	16,407,135
	MOBILIZATION		
240	AIRLIFT OPERATIONS	1,271,439	1,511,439
	Realignment from Base to OCO		[240,000]
250	MOBILIZATION PREPAREDNESS	120,866	120,866
	SUBTOTAL MOBILIZATION	1,392,305	1,632,305
	TRAINING AND RECRUITING		
260	OFFICER ACQUISITION	200	200
270	RECRUIT TRAINING	352	352
290	SPECIALIZED SKILL TRAINING	27,010	27,010
300	FLIGHT TRAINING	844	844
310	PROFESSIONAL DEVELOPMENT EDUCATION	1,199	1,199
320	TRAINING SUPPORT	1,320	1,320
	SUBTOTAL TRAINING AND RECRUITING	30,925	30,925
	ADMIN & SRVWD ACTIVITIES		
380	LOGISTICS OPERATIONS	164,701	164,701
390	TECHNICAL SUPPORT ACTIVITIES	11,782	11,782
400	ADMINISTRATION	3,886	3,886
410	SERVICEMAN COMMUNICATIONS	355	355
420	OTHER SERVICEMAN ACTIVITIES	100,831	100,831
450	INTERNATIONAL SUPPORT	29,928	29,928
455	CLASSIFIED PROGRAMS	34,502	34,502
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	345,985	345,985
	TOTAL OPERATION & MAINTENANCE, AIR FORCE	17,930,020	18,416,350
	OPERATION & MAINTENANCE, SPACE FORCE OPERATING FORCES		
020	GLOBAL C3I & EARLY WARNING	227	227
030	SPACE LAUNCH OPERATIONS	321	321
040	SPACE OPERATIONS	15,135	15,135
070	DEPOT MAINTENANCE	18,268	18,268
080	CONTRACTOR LOGISTICS & SYSTEM SUPPORT	43,164	43,164
	SUBTOTAL OPERATING FORCES	77,115	77,115
	TOTAL OPERATION & MAINTENANCE, SPACE FORCE	77,115	77,115
	OPERATION & MAINTENANCE, AF RESERVE OPERATING FORCES		
030	DEPOT PURCHASE EQUIPMENT MAINTENANCE	24,408	24,408

SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS <i>(In Thousands of Dollars)</i>			
Line	Item	FY 2021 Request	House Authorized
060	BASE SUPPORT	5,682	5,682
	SUBTOTAL OPERATING FORCES	30,090	30,090
	TOTAL OPERATION & MAINTENANCE, AF RE- SERVE	30,090	30,090
	OPERATION & MAINTENANCE, ANG OPERATING FORCES		
020	MISSION SUPPORT OPERATIONS	3,739	3,739
030	DEPOT PURCHASE EQUIPMENT MAINTENANCE	61,862	61,862
050	CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT	97,108	97,108
060	BASE SUPPORT	12,933	12,933
	SUBTOTAL OPERATING FORCES	175,642	175,642
	TOTAL OPERATION & MAINTENANCE, ANG	175,642	175,642
	OPERATION AND MAINTENANCE, DEFENSE-WIDE OPERATING FORCES		
010	JOINT CHIEFS OF STAFF	3,799	3,799
020	JOINT CHIEFS OF STAFF—CE2T2	6,634	6,634
040	SPECIAL OPERATIONS COMMAND COMBAT DEVELOPMENT AC- TIVITIES	898,024	893,024
	Maritime Support Vessel		[−5,000]
060	SPECIAL OPERATIONS COMMAND INTELLIGENCE	1,244,553	1,214,553
	Program decrease		[−30,000]
070	SPECIAL OPERATIONS COMMAND MAINTENANCE	354,951	354,951
090	SPECIAL OPERATIONS COMMAND OPERATIONAL SUPPORT	104,535	104,535
100	SPECIAL OPERATIONS COMMAND THEATER FORCES	757,744	732,744
	Unjustified growth		[−25,000]
	SUBTOTAL OPERATING FORCES	3,370,240	3,310,240
	ADMIN & SRVWIDE ACTIVITIES		
180	DEFENSE CONTRACT AUDIT AGENCY	1,247	1,247
210	DEFENSE CONTRACT MANAGEMENT AGENCY	21,723	21,723
280	DEFENSE INFORMATION SYSTEMS AGENCY	56,256	56,256
290	DEFENSE INFORMATION SYSTEMS AGENCY—CYBER	3,524	3,524
330	DEFENSE LEGAL SERVICES AGENCY	156,373	156,373
350	DEFENSE MEDIA ACTIVITY	3,555	9,555
	Stars and Stripes		[6,000]
370	DEFENSE SECURITY COOPERATION AGENCY	1,557,763	1,337,763
	Program increase—security cooperation		[30,000]
	Transfer to Ukraine Security Assistance		[−250,000]
410	DEFENSE THREAT REDUCTION AGENCY	297,486	297,486
490	OFFICE OF THE SECRETARY OF DEFENSE	16,984	16,984
530	WASHINGTON HEADQUARTERS SERVICES	1,997	1,997
535	CLASSIFIED PROGRAMS	535,106	535,106
	SUBTOTAL ADMIN & SRVWIDE ACTIVITIES	2,652,014	2,438,014
	TOTAL OPERATION AND MAINTENANCE, DE- FENSE-WIDE	6,022,254	5,748,254
	UKRAINE SECURITY ASSISTANCE		
	UKRAINE SECURITY ASSISTANCE		
010	UKRAINE SECURITY ASSISTANCE INITIATIVE		250,000
	Transfer from Defense Security Cooperation Agency		[250,000]
	SUBTOTAL UKRAINE SECURITY ASSISTANCE		250,000
	TOTAL UKRAINE SECURITY ASSISTANCE		250,000
	TOTAL OPERATION & MAINTENANCE	58,179,782	57,972,082

1 **TITLE XLIV—MILITARY**
 2 **PERSONNEL**

3 **SEC. 4401. MILITARY PERSONNEL.**

<i>SEC. 4401. MILITARY PERSONNEL (In Thousands of Dollars)</i>		
<i>Item</i>	<i>FY 2021 Request</i>	<i>House Authorized</i>
Military Personnel Appropriations	150,524,104	149,430,304
<i>Historical unobligated balances</i>		–924,000
<i>Foreign Currency adjustments</i>		–169,800
Medicare-Eligible Retiree Health Fund Contributions	8,372,741	8,372,741

4 **SEC. 4402. MILITARY PERSONNEL FOR OVERSEAS CONTIN-**
 5 **GENCY OPERATIONS.**

<i>SEC. 4402. MILITARY PERSONNEL FOR OVERSEAS CONTINGENCY OPERATIONS (In Thousands of Dollars)</i>		
<i>Item</i>	<i>FY 2021 Request</i>	<i>House Authorized</i>
Military Personnel Appropriations	4,602,593	4,602,593

6 **TITLE XLV—OTHER**
 7 **AUTHORIZATIONS**

8 **SEC. 4501. OTHER AUTHORIZATIONS.**

<i>SEC. 4501. OTHER AUTHORIZATIONS (In Thousands of Dollars)</i>		
<i>Item</i>	<i>FY 2021 Request</i>	<i>House Authorized</i>
WORKING CAPITAL FUND, ARMY		
ARMY ARSENALS INITIATIVE	32,551	32,551
ARMY SUPPLY MANAGEMENT	24,166	24,166
TOTAL WORKING CAPITAL FUND, ARMY	56,717	56,717
WORKING CAPITAL FUND, AIR FORCE		
WORKING CAPITAL FUND		
WORKING CAPITAL FUND	95,712	95,712
TOTAL WORKING CAPITAL FUND, AIR FORCE ..	95,712	95,712
WORKING CAPITAL FUND, DEFENSE-WIDE		
WORKING CAPITAL FUND SUPPORT		
WORKING CAPITAL FUND SUPPORT	49,821	49,821
TOTAL WORKING CAPITAL FUND, DEFENSE-		
WIDE	49,821	49,821
WORKING CAPITAL FUND, DECA		
WORKING CAPITAL FUND SUPPORT	1,146,660	1,146,660
TOTAL WORKING CAPITAL FUND, DECA	1,146,660	1,146,660
NATIONAL DEFENSE SEALIFT FUND		
SEALIFT RECAPITALIZATION		170,000

SEC. 4501. OTHER AUTHORIZATIONS (In Thousands of Dollars)		
Item	FY 2021 Request	House Authorized
Accelerate design of a commercial-based sealift ship		[50,000]
Transfer from OMN-300 for acquisition of four used sea- lift vessels		[120,000]
SHIP POSITIONING AND SURGE		314,193
Transfer from OMN-290		[314,193]
EXPEDITIONARY HEALTH SERVICES		57,212
Transfer from OMN-320		[57,212]
TOTAL NATIONAL DEFENSE SEALIFT FUND		541,405
CHEM AGENTS & MUNITIONS DESTRUCTION		
CHEM DEMILITARIZATION—O&M	106,691	106,691
CHEM DEMILITARIZATION—RDT&E	782,193	782,193
CHEM DEMILITARIZATION—PROC	616	616
TOTAL CHEM AGENTS & MUNITIONS DE- STRUCTION	889,500	889,500
DRUG INTERDICTION & CTR-DRUG ACTIVITIES, DEF		
COUNTER-NARCOTICS SUPPORT	546,203	546,203
DRUG DEMAND REDUCTION PROGRAM	123,704	123,704
NATIONAL GUARD COUNTER-DRUG PROGRAM	94,211	94,211
NATIONAL GUARD COUNTER-DRUG SCHOOLS	5,511	5,511
TOTAL DRUG INTERDICTION & CTR-DRUG AC- TIVITIES, DEF	769,629	769,629
OFFICE OF THE INSPECTOR GENERAL		
OFFICE OF THE INSPECTOR GENERAL	368,279	384,536
Additional oversight of coronavirus relief		[16,257]
OFFICE OF THE INSPECTOR GENERAL—CYBER		
OFFICE OF THE INSPECTOR GENERAL—CYBER	1,204	1,204
OFFICE OF THE INSPECTOR GENERAL—RDTE	1,098	1,098
OFFICE OF THE INSPECTOR GENERAL—PROCUREMENT	858	858
TOTAL OFFICE OF THE INSPECTOR GENERAL	371,439	387,696
DEFENSE HEALTH PROGRAM		
IN-HOUSE CARE	9,560,564	9,596,564
Reverse DWR savings from downsizing MTFs		[36,000]
PRIVATE SECTOR CARE	15,841,887	15,841,887
CONSOLIDATED HEALTH SUPPORT	1,338,269	1,338,269
INFORMATION MANAGEMENT	2,039,910	2,039,910
MANAGEMENT ACTIVITIES	330,627	330,627
EDUCATION AND TRAINING	315,691	325,691
Reverse DWR cuts to USUHS		[10,000]
BASE OPERATIONS/COMMUNICATIONS	1,922,605	1,922,605
R&D RESEARCH	8,913	8,913
R&D EXPLORATORY DEVELOPMENT	73,984	73,984
R&D ADVANCED DEVELOPMENT	225,602	225,602
R&D DEMONSTRATION/VALIDATION	132,331	132,331
R&D ENGINEERING DEVELOPMENT	55,748	70,748
Freeze-dried platelets		[15,000]
R&D MANAGEMENT AND SUPPORT	48,672	48,672
R&D CAPABILITIES ENHANCEMENT	17,215	17,215
PROC INITIAL OUTFITTING	22,932	22,932
PROC REPLACEMENT & MODERNIZATION	215,618	215,618
PROC MILITARY HEALTH SYSTEM—DESKTOP TO DATACENTER	70,872	70,872
PROC DOD HEALTHCARE MANAGEMENT SYSTEM MOD- ERNIZATION	308,504	308,504
SOFTWARE & DIGITAL TECHNOLOGY PILOT PROGRAMS	160,428	160,428
UNDISTRIBUTED		-9,800
Foreign Currency adjustments		[-9,800]
TOTAL DEFENSE HEALTH PROGRAM	32,690,372	32,741,572

SEC. 4501. OTHER AUTHORIZATIONS (In Thousands of Dollars)		
<i>Item</i>	<i>FY 2021 Request</i>	<i>House Authorized</i>
TOTAL OTHER AUTHORIZATIONS	36,069,850	36,678,712

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>	<i>FY 2021 Request</i>	<i>House Authorized</i>
WORKING CAPITAL FUND, ARMY		
ARMY ARSENALS INITIATIVE		
ARMY SUPPLY MANAGEMENT	20,090	20,090
TOTAL WORKING CAPITAL FUND, ARMY	20,090	20,090
OFFICE OF THE INSPECTOR GENERAL		
OFFICE OF THE INSPECTOR GENERAL	24,069	24,069
TOTAL OFFICE OF THE INSPECTOR GENERAL	24,069	24,069
DEFENSE HEALTH PROGRAM		
IN-HOUSE CARE	65,072	65,072
PRIVATE SECTOR CARE	296,828	296,828
CONSOLIDATED HEALTH SUPPORT	3,198	3,198
TOTAL DEFENSE HEALTH PROGRAM	365,098	365,098
TOTAL OTHER AUTHORIZATIONS	409,257	409,257

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>	<i>FY 2021 Request</i>	<i>House Agreement</i>
	Alaska			
Army	Fort Wainwright	Child Development Center	0	32,500
Army	Fort Wainwright	Unaccompanied Enlisted Personnel Housing	0	59,000
	Arizona			
Army	Yuma Proving Ground	Ready Building	14,000	14,000
	Colorado			
Army	Fort Carson, Colorado	Physical Fitness Facility	28,000	28,000
	Georgia			
Army	Fort Gillem	Forensic Laboratory	71,000	71,000
Army	Fort Gordon	Adv Individual Training Barracks Cplr, Ph3	80,000	80,000
	Hawaii			
Army	Fort Shafter	Child Development Center—School Age	0	26,000
Army	Schofield Barracks	Child Development Center	0	39,000
Army	Wheeler Army Air Field	Aircraft Maintenance Hangar	89,000	89,000
	Louisiana			
Army	Fort Polk, Louisiana	Information Systems Facility	25,000	25,000
	Oklahoma			
Army	McAlester AAP	Ammunition Demolition Shop	35,000	35,000
	Pennsylvania			
Army	Carlisle Barracks	General Instruction Building, Incr2	38,000	0
	South Carolina			
Army	Fort Jackson	Trainee Barracks Complex 3, Ph2	0	7,000
	Virginia			

SEC. 4601. MILITARY CONSTRUCTION (In Thousands of Dollars)				
Account	State/Country and Installation	Project Title	FY 2021 Request	House Agreement
Army	Humphreys Engineer Center	Training Support Facility	51,000	51,000
Army	Worldwide Unspecified Locations	Host Nation Support	39,000	39,000
Army	Unspecified Worldwide Locations	Planning and Design	129,436	69,436
Army	Unspecified Worldwide Locations	Unspecified Minor Construction	50,900	50,900
Military Construction, Army Total			650,336	715,836
<i>Arizona</i>				
Navy	Yuma	Bachelor Enlisted Quarters Replacement	0	59,600
<i>Bahrain Island</i>				
Navy	SW Asia	Ship to Shore Utility Services	68,340	68,340
<i>California</i>				
Navy	Camp Pendleton, California	1st MARDIV Operations Complex	68,530	68,530
Navy	Camp Pendleton, California	I MEF Consolidated Information Center (Inc)	37,000	37,000
Navy	Lemoore	F-35C Hangar 6 Phase 2 (Mod 3/4)	128,070	98,070
Navy	Lemoore	F-35C Simulator Facility & Electrical Upgrade	59,150	59,150
Navy	San Diego	Pier 6 Replacement	128,500	98,500
Navy	Twentynine Palms, California	Wastewater Treatment Plant	76,500	76,500
<i>Greece</i>				
Navy	Souda Bay	Communication Center	50,180	50,180
<i>Guam</i>				
Navy	Andersen AFB	Ordnance Operations Admin	21,280	21,280
Navy	Joint Region Marianas	Bachelor Enlisted Quarters H (Inc)	80,000	0
Navy	Joint Region Marianas	Base Warehouse	55,410	55,410
Navy	Joint Region Marianas	Central Fuel Station	35,950	35,950
Navy	Joint Region Marianas	Central Issue Facility	45,290	45,290
Navy	Joint Region Marianas	Combined EOD Facility	37,600	37,600
Navy	Joint Region Marianas	DAR Bridge Improvements	40,180	40,180
Navy	Joint Region Marianas	DAR Road Strengthening	70,760	70,760
Navy	Joint Region Marianas	Distribution Warehouse	77,930	77,930
Navy	Joint Region Marianas	Individual Combat Skills Training	17,430	17,430
Navy	Joint Region Marianas	Joint Communication Upgrade	166,000	22,000
<i>Hawaii</i>				
Navy	Joint Base Pearl Harbor-Hickam	Waterfront Improve, Wharves S1,S11-13,S20-21	48,990	48,990
Navy	Joint Base Pearl Harbor-Hickam	Waterfront Improvements Wharves S8-S10	65,910	65,910
<i>Japan</i>				
Navy	Yokosuka	Pier 5 (Berths 2 and 3) (Inc)	74,692	0
<i>Maine</i>				
Navy	Kittery	Multi-Mission Drydock #1 Exten., Ph 1 (Inc)	160,000	160,000
<i>Nevada</i>				
Navy	Fallon	Range Training Complex, Phase 1	29,040	29,040
<i>North Carolina</i>				
Navy	Camp Lejeune, North Carolina	II MEF Operations Center Replacement (Inc)	20,000	20,000
<i>Spain</i>				
Navy	Rota	MH-60r Squadron Support Facilities	60,110	60,110
<i>Virginia</i>				
Navy	Norfolk	E-2D Training Facility	30,400	30,400
Navy	Norfolk	MH60 & CMV-22B Corrosion Control & Paint Fac ..	17,671	17,671
<i>Worldwide Unspecified</i>				
Navy	Unspecified Worldwide Locations	Planning & Design	165,710	160,710
Navy	Unspecified Worldwide Locations	Planning & Design—Indo-Pacific Command Posture Initiatives.	0	5,000
Navy	Unspecified Worldwide Locations	Unspecified Minor Construction	38,983	38,983
Military Construction, Navy Total			1,975,606	1,676,514
<i>California</i>				
AF	Edwards AFB	Flight Test Engineering Laboratory Complex	0	40,000
<i>Colorado</i>				
AF	Schriever AFB	Consolidated Space Operations Facility, Inc 2	88,000	88,000
<i>Florida</i>				
AF	Eglin	Advanced Munitions Technology Complex	0	35,000
<i>Guam</i>				
AF	Joint Region Marianas	Stand Off Weapons Complex, MSA 2	56,000	56,000
<i>Illinois</i>				

SEC. 4601. MILITARY CONSTRUCTION (In Thousands of Dollars)				
Account	State/Country and Installation	Project Title	FY 2021 Request	House Agreement
AF	Scott	Add/Alter Consolidated Communications Facility	0	3,000
	Mariana Islands			
AF	Tinian	Airfield Development Phase 1, Inc 2	20,000	0
AF	Tinian	Fuel Tanks With Pipeline & Hydrant Sys, Inc 2	7,000	0
AF	Tinian	Parking Apron, Inc 2	15,000	0
	Maryland			
AF	Joint Base Andrews	Consolidated Communications Center	0	13,000
	Montana			
AF	Malstrom AFB	Weapons Storage & Maintenance Facility, Inc 2	25,000	0
	New Jersey			
AF	Joint Base McGuire-Dix-Lakehurst	Munitions Storage Area	22,000	22,000
	Qatar			
AF	Al Udeid, Qatar	Cargo Marshalling Yard	26,000	26,000
	Texas			
AF	Joint Base San Antonio	BMT Recruit Dormitory 8, Inc 2	36,000	36,000
AF	Joint Base San Antonio	T-X ADAL Ground Based Trng Sys Sim	19,500	19,500
	Utah			
AF	Hill AFB	GBSD Mission Integration Facility, Inc 2	68,000	68,000
	Virginia			
AF	Joint Base Langley-Eustis	Access Control Point Main Gate With Land Acq	19,500	19,500
	Worldwide Unspecified			
AF	Unspecified Worldwide Locations	Planning & Design	296,532	149,649
AF	Unspecified Worldwide Locations	Planning & Design—Indo-Pacific Command Posture Initiatives.	0	5,000
AF	Unspecified Worldwide Locations	Unspecified Minor Construction	68,600	68,600
	Wyoming			
AF	FE Warren	Weapons Storage Facility	0	12,000
Military Construction, Air Force Total			767,132	661,249
	Alabama			
Def-Wide	Anniston Army Depot	Demilitarization Facility	18,000	18,000
Def-Wide	Fort Rucker	Construct 10mw Generation & Microgrid	0	24,000
	Alaska			
Def-Wide	Fort Greely	Communications Center	48,000	48,000
	Arizona			
Def-Wide	Fort Huachuca	Laboratory Building	33,728	33,728
Def-Wide	Yuma	SOF Hangar	49,500	49,500
	Arkansas			
Def-Wide	Fort Smith ANG	PV Arrays and Battery Storage	0	2,600
	California			
Def-Wide	Beale AFB	Bulk Fuel Tank	22,800	22,800
Def-Wide	Marine Corps Air Combat Center / Twenty Nine Palms	Install 10 Mw Battery Energy Storage for Various Buildings.	11,646	11,646
Def-Wide	Military Ocean Terminal	Military Ocal Terminal Concord Microgrid	29,000	29,000
Def-Wide	NAWS China Lake	Solar Energy Storage System	0	8,950
Def-Wide	NSA Monterey	Cogeneration Plant at B236	10,540	10,540
	Colorado			
Def-Wide	Fort Carson, Colorado	SOF Tactical Equipment Maintenance Facility	15,600	15,600
	Conus Unspecified			
Def-Wide	Conus Unspecified	Training Target Structure	14,400	14,400
	District of Columbia			
Def-Wide	Joint Base Anacostia Bolling	Industrial Controls System Modernization	0	8,749
Def-Wide	Joint Base Anacostia Bolling	Industrial Controls System Modernization	10,343	10,343
Def-Wide	Joint Base Anacostia Bolling	PV Carports	0	25,221
	Florida			
Def-Wide	Hurlburt Field	SOF Combat Aircraft Parking Apron-North	38,310	38,310
Def-Wide	Hurlburt Field	SOF Special Tactics Ops Facility (23 STS)	44,810	44,810
	Georgia			
Def-Wide	Fort Benning	Construct 4.8mw Generation & Microgrid	0	17,000
	Germany			
Def-Wide	Rhine Ordnance Barracks	Medical Center Replacement Inc 9	200,000	200,000
	Italy			
Def-Wide	NSA Naples	Smart Grid—NSA Naples	3,490	3,490
	Japan			
Def-Wide	Def Fuel Support Point Tsurumi	Fuel Wharf	49,500	49,500
Def-Wide	Yokosuka	Kinnick High School Inc	30,000	0

SEC. 4601. MILITARY CONSTRUCTION (In Thousands of Dollars)				
Account	State/Country and Installation	Project Title	FY 2021 Request	House Agreement
	<i>Kentucky</i>			
Def-Wide	Fort Knox	Van Voorhis Elementary School	69,310	69,310
	<i>Maryland</i>			
Def-Wide	Bethesda Naval Hospital	MEDCEN Addition/Alteration Incr 4	180,000	100,000
Def-Wide	Fort Meade	NSAW Recapitalize Building #3 Inc	250,000	250,000
Def-Wide	NSA Bethesda	Nsab-16 Replace Chillers 3 Through 9	0	13,840
Def-Wide	NSA South Potomac	CBIRF/IHEODTD/Housing Potable Water	18,460	18,460
	<i>Missouri</i>			
Def-Wide	Fort Leonard Wood	Hospital Replacement Inc 3	40,000	40,000
Def-Wide	St Louis	Nert NGA West (N2W) Complex Phase 2 Inc	119,000	119,000
Def-Wide	Whiteman AFB	Install 10 Mw Combined Heat and Power Plant	17,310	17,310
	<i>Nevada</i>			
Def-Wide	Creech AFB	Central Standby Generators	32,000	32,000
	<i>New Mexico</i>			
Def-Wide	Kirtland AFB	Administrative Building	46,600	46,600
	<i>North Carolina</i>			
Def-Wide	Fort Bragg	SOF Group Headquarters	53,100	53,100
Def-Wide	Fort Bragg	SOF Military Working Dog Facility	17,700	17,700
Def-Wide	Fort Bragg	SOF Operations Facility	43,000	43,000
Def-Wide	Fort Bragg	SOTF Chilled Water Upgrade	0	6,100
	<i>Ohio</i>			
Def-Wide	Wright-Patterson AFB	Construct Intelligence Facility Central Utility Plant	0	35,000
Def-Wide	Wright-Patterson AFB	Hydrant Fuel System	23,500	23,500
	<i>Tennessee</i>			
Def-Wide	Memphis ANG	PV Arrays and Battery Storage	0	4,780
	<i>Texas</i>			
Def-Wide	Fort Hood, Texas	Fuel Facilities	32,700	32,700
	<i>Virginia</i>			
Def-Wide	Joint Expeditionary Base Little Creek—Story	SOF Des Operations Fac. and Command Center	54,500	54,500
Def-Wide	Joint Expeditionary Base Little Creek—Story	SOF NSWG-2 Nswtg Css Facilities	58,000	58,000
Def-Wide	Nmc Portsmouth / Portsmouth	Retrofit Air Handling Units From Constant Volume Reheat to Variable Air Volume.	611	611
Def-Wide	Wallaps Island	Wallaps Generation and Distribution Resiliency Improvements.	9,100	9,100
	<i>Washington</i>			
Def-Wide	Joint Base Lewis-McChord	Fuel Facilities (Lewis Main)	10,900	10,900
Def-Wide	Joint Base Lewis-McChord	Fuel Facilities (Lewis North)	10,900	10,900
Def-Wide	Manchester	Bulk Fuel Storage Tanks Phase 1	82,000	82,000
	<i>Worldwide Unspecified</i>			
Def-Wide	Unspecified Worldwide Locations	ERCIP Design	14,250	24,250
Def-Wide	Unspecified Worldwide Locations	Exercise Related Minor Construction	5,840	5,840
Def-Wide	Unspecified Worldwide Locations	Planning and Design	48,696	48,696
Def-Wide	Unspecified Worldwide Locations	Unspecified Minor Construction	53,620	53,620
Def-Wide	Various Worldwide Locations	Planning and Design	97,030	97,030
Def-Wide	Various Worldwide Locations	Unspecified Minor Construction	9,726	9,726
<i>Military Construction, Defense-Wide Total</i>			2,027,520	2,073,760
	<i>Worldwide Unspecified</i>			
NATO	NATO Security Investment Program	NATO Security Investment Program	173,030	173,030
<i>NATO Security Investment Program Total</i>			173,030	173,030
	<i>Arizona</i>			
Army NG	Tucson	National Guard Readiness Center	18,100	18,100
	<i>Colorado</i>			
Army NG	Peterson AFB	National Guard Readiness Center	15,000	15,000
	<i>Indiana</i>			
Army NG	Shelbyville	National Guard/Reserve Center Building Add/Al	12,000	12,000
	<i>Kentucky</i>			
Army NG	Frankfort	National Guard/Reserve Center Building	15,000	15,000
	<i>Mississippi</i>			
Army NG	Brandon	National Guard Vehicle Maintenance Shop	10,400	10,400
	<i>Nebraska</i>			

SEC. 4601. MILITARY CONSTRUCTION (In Thousands of Dollars)				
Account	State/Country and Installation	Project Title	FY 2021 Request	House Agreement
Army NG	North Platte	National Guard Vehicle Maintenance Shop	9,300	9,300
	New Jersey			
Army NG	Joint Base McGuire-Dix-Lakehurst	National Guard Readiness Center	15,000	15,000
	Ohio			
Army NG	Columbus	National Guard Readiness Center	15,000	15,000
	Oregon			
Army NG	Hermiston	Enlisted Barracks, Transient Training	9,300	25,035
	Puerto Rico			
Army NG	Fort Allen	National Guard Readiness Center	37,000	37,000
	South Carolina			
Army NG	Joint Base Charleston	National Guard Readiness Center	15,000	15,000
	Tennessee			
Army NG	Mcminnville	National Guard Readiness Center	11,200	11,200
	Texas			
Army NG	Fort Worth	Aircraft Maintenance Hangar Addition/Alt	6,000	6,000
Army NG	Fort Worth	National Guard Vehicle Maintenance Shop	7,800	7,800
	Utah			
Army NG	Nephi	National Guard Readiness Center	12,000	12,000
	Virgin Islands			
Army NG	St. Croix	Army Aviation Support Facility (Aasf)	28,000	28,000
Army NG	St. Croix	CST Ready Building	11,400	11,400
	Wisconsin			
Army NG	Appleton	National Guard Readiness Center Add/Alt	11,600	11,600
	Worldwide Unspecified			
Army NG	Unspecified Worldwide Locations	Planning and Design	29,593	29,593
Army NG	Unspecified Worldwide Locations	Unspecified Minor Construction	32,744	32,744
Military Construction, Army National Guard Total			321,437	337,172
	Florida			
Army Res	Gainesville	ECS TEMF/Warehouse	36,000	36,000
	Massachusetts			
Army Res	Devens Reserve Forces Training Area	Automated Multipurpose Machine Gun Range	8,700	8,700
	North Carolina			
Army Res	Asheville	Army Reserve Center/Land	24,000	24,000
	Wisconsin			
Army Res	Fort McCoy	Scout Reconnaissance Range	14,600	14,600
Army Res	Fort McCoy	Transient Trainee Barracks	0	2,500
	Worldwide Unspecified			
Army Res	Unspecified Worldwide Locations	Planning and Design	1,218	1,218
Army Res	Unspecified Worldwide Locations	Unspecified Minor Construction	3,819	3,819
Military Construction, Army Reserve Total			88,337	90,837
	Maryland			
N/MC Res	Reisterstown	Reserve Training Center, Camp Fretterd, MD	39,500	39,500
	Utah			
N/MC Res	Hill AFB	Naval Operational Support Center	25,010	25,010
	Worldwide Unspecified			
N/MC Res	Unspecified Worldwide Locations	MCNR Minor Construction	3,000	3,000
N/MC Res	Unspecified Worldwide Locations	MCNR Planning & Design	3,485	3,485
Military Construction, Naval Reserve Total			70,995	70,995
	Alabama			
Air NG	Montgomery Regional Airport (ANG) Base	F-35 Simulator Facility	11,600	11,600
	Guam			
Air NG	Joint Region Marianas	Space Control Facility #5	20,000	20,000
	Maryland			
Air NG	Joint Base Andrews	F-16 Mission Training Center	9,400	9,400
	Texas			
Air NG	Joint Base San Antonio	F-16 Mission Training Center	10,800	10,800
	Worldwide Unspecified			
Air NG	Unspecified Worldwide Locations	Unspecified Minor Construction	9,000	9,000
Air NG	Various Worldwide Locations	Planning and Design	3,414	3,414
Military Construction, Air National Guard Total			64,214	64,214

SEC. 4601. MILITARY CONSTRUCTION (In Thousands of Dollars)				
Account	State/Country and Installation	Project Title	FY 2021 Request	House Agreement
	<i>Texas</i>			
AF Res	Fort Worth	F-35A Simulator Facility	14,200	14,200
	Worldwide Unspecified			
AF Res	Unspecified Worldwide Locations	Planning & Design	3,270	3,270
AF Res	Unspecified Worldwide Locations	Unspecified Minor Construction	5,647	5,647
Military Construction, Air Force Reserve Total			23,117	23,117
	<i>Italy</i>			
FH Con Army	Vicenza	Family Housing New Construction	84,100	84,100
	Kuwait			
FH Con Army	Kuwait Atoll	Family Housing Replacement Construction	32,000	32,000
	Worldwide Unspecified			
FH Con Army	Unspecified Worldwide Locations	Family Housing P & D	3,300	3,300
Family Housing Construction, Army Total			119,400	119,400
	Worldwide Unspecified			
FH Ops Army	Unspecified Worldwide Locations	Furnishings	18,004	18,004
FH Ops Army	Unspecified Worldwide Locations	Housing Privatization Support	37,948	62,948
FH Ops Army	Unspecified Worldwide Locations	Leasing	123,841	123,841
FH Ops Army	Unspecified Worldwide Locations	Maintenance	97,789	97,789
FH Ops Army	Unspecified Worldwide Locations	Management	39,716	39,716
FH Ops Army	Unspecified Worldwide Locations	Miscellaneous	526	526
FH Ops Army	Unspecified Worldwide Locations	Services	8,135	8,135
FH Ops Army	Unspecified Worldwide Locations	Utilities	41,183	41,183
Family Housing Operation And Maintenance, Army Total			367,142	392,142
	Worldwide Unspecified			
FH Con Navy	Unspecified Worldwide Locations	Construction Improvements	37,043	37,043
FH Con Navy	Unspecified Worldwide Locations	Planning & Design	3,128	3,128
FH Con Navy	Unspecified Worldwide Locations	USMC DPRI/Guam Planning and Design	2,726	2,726
Family Housing Construction, Navy And Marine Corps Total			42,897	42,897
	Worldwide Unspecified			
FH Ops Navy	Unspecified Worldwide Locations	Furnishings	17,977	17,977
FH Ops Navy	Unspecified Worldwide Locations	Housing Privatization Support	53,700	78,700
FH Ops Navy	Unspecified Worldwide Locations	Leasing	62,658	62,658
FH Ops Navy	Unspecified Worldwide Locations	Maintenance	85,630	110,630
FH Ops Navy	Unspecified Worldwide Locations	Management	51,006	51,006
FH Ops Navy	Unspecified Worldwide Locations	Miscellaneous	350	350
FH Ops Navy	Unspecified Worldwide Locations	Services	16,743	16,743
FH Ops Navy	Unspecified Worldwide Locations	Utilities	58,429	58,429
Family Housing Operation And Maintenance, Navy And Marine Corps Total			346,493	396,493
	Worldwide Unspecified			
FH Con AF	Unspecified Worldwide Locations	Construction Improvements	94,245	94,245
FH Con AF	Unspecified Worldwide Locations	Planning & Design	2,969	2,969
Family Housing Construction, Air Force Total			97,214	97,214

64

SEC. 4601. MILITARY CONSTRUCTION (In Thousands of Dollars)				
Account	State/Country and Installation	Project Title	FY 2021 Request	House Agreement
	Worldwide Unspecified			
FH Ops AF	Unspecified Worldwide Locations	Furnishings	25,805	25,805
FH Ops AF	Unspecified Worldwide Locations	Housing Privatization	23,175	23,175
FH Ops AF	Unspecified Worldwide Locations	Leasing	9,318	9,318
FH Ops AF	Unspecified Worldwide Locations	Maintenance	140,666	165,666
FH Ops AF	Unspecified Worldwide Locations	Management	64,732	99,732
FH Ops AF	Unspecified Worldwide Locations	Miscellaneous	2,184	2,184
FH Ops AF	Unspecified Worldwide Locations	Services	7,968	7,968
FH Ops AF	Unspecified Worldwide Locations	Utilities	43,173	43,173
Family Housing Operation And Maintenance, Air Force Total			317,021	377,021
	Worldwide Unspecified			
FH Ops DW	Unspecified Worldwide Locations	Furnishings	727	727
FH Ops DW	Unspecified Worldwide Locations	Leasing	49,856	49,856
FH Ops DW	Unspecified Worldwide Locations	Maintenance	32	32
FH Ops DW	Unspecified Worldwide Locations	Utilities	4,113	4,113
Family Housing Operation And Maintenance, Defense-Wide Total			54,728	54,728
	Worldwide Unspecified			
FHIF	Unspecified Worldwide Locations	Administrative Expenses—FHIF	5,897	5,897
DOD Family Housing Improvement Fund Total			5,897	5,897
	Worldwide Unspecified			
UHIF	Unspecified Worldwide Locations	Administrative Expenses—UHIF	600	600
Unaccompanied Housing Improvement Fund Total			600	600
	Worldwide Unspecified			
BRAC—Air Force	Unspecified Worldwide Locations	DOD BRAC Activities—Air Force	109,222	109,222
BRAC—Army	Base Realignment & Closure, Army	Base Realignment and Closure	66,060	106,060
BRAC—Navy	Unspecified Worldwide Locations	Base Realignment & Closure	125,165	225,165
Base Realignment and Closure—Total			300,447	440,447
Total, Military Construction			7,813,563	7,813,563

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 2021 Request	House Agreement
	Worldwide Unspecified			
Army	Unspecified Worldwide Locations	EDI: Minor Construction	3,970	3,970
Army	Unspecified Worldwide Locations	EDI: Planning and Design	11,903	11,903
Military Construction, Army Total			15,873	15,873

SEC. 4602. MILITARY CONSTRUCTION FOR OVERSEAS CONTINGENCY OPERATIONS (In Thousands of Dollars)				
Account	State/Country and Installation	Project Title	FY 2021 Request	House Agreement
	Spain			
Navy	Rota	EDI: EOD Boat Shop	31,760	31,760
Navy	Rota	EDI: Expeditionary Maintenance Facility	27,470	27,470
	Worldwide Unspecified			
Navy	Unspecified Worldwide Locations	Planning & Design	10,790	10,790
Military Construction, Navy Total			70,020	70,020
	Germany			
AF	Ramstein	EDI: Rapid Airfield Damage Repair Storage	36,345	36,345
AF	Spangdahlem AB	EDI: Rapid Airfield Damage Repair Storage	25,824	25,824
	Romania			
AF	Campia Turzii	EDI: Dangerous Cargo Pad	11,000	11,000
AF	Campia Turzii	EDI: ECAOS DABS-FEV Storage Complex	68,000	68,000
AF	Campia Turzii	EDI: Parking Apron	19,500	19,500
AF	Campia Turzii	EDI: POL Increase Capacity	32,000	32,000
	Worldwide Unspecified			
AF	Unspecified Worldwide Locations	EDI: Unspecified Minor Military Construction	16,400	16,400
AF	Various Worldwide Locations	EDI: Planning & Design	54,800	54,800
Military Construction, Air Force Total			263,869	263,869
Total, Military Construction			349,762	349,762

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 2021 Request	House Authorized
Discretionary Summary By Appropriation		
Energy And Water Development, And Related Agencies		
Appropriation Summary:		
Energy Programs		
Nuclear Energy	137,800	137,800
Atomic Energy Defense Activities		
National nuclear security administration:		
Weapons activities	15,602,000	15,602,000
Defense nuclear nonproliferation	2,031,000	2,111,000
Naval reactors	1,684,000	1,684,000
Federal salaries and expenses	454,000	454,000
Total, National nuclear security administration	19,771,000	19,851,000
Environmental and other defense activities:		
Defense environmental cleanup	4,983,608	5,728,708
Other defense activities	1,054,727	899,289
Total, Environmental & other defense activities	6,038,335	6,627,997
Total, Atomic Energy Defense Activities	25,809,335	26,478,997
Total, Discretionary Funding	25,947,135	26,616,797
Nuclear Energy		
Idaho site-wide safeguards and security	137,800	137,800
Total, Nuclear Energy	137,800	137,800

SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS (In Thousands of Dollars)		
Program	FY 2021 Request	House Authorized
Stockpile Management		
Stockpile Major Modernization		
B61-12 Life extension program	815,710	815,710
W88 Alt 370	256,922	256,922
W80-4 Life extension program	1,000,314	1,000,314
W87-1 Modification Program	541,000	541,000
W93	53,000	53,000
Total, Stockpile Major Modernization	2,666,946	2,666,946
Stockpile services		
Production Operations	568,941	568,941
Stockpile Sustainment	998,357	998,357
Weapons Dismantlement and Disposition	50,000	50,000
Total, Stockpile Services	1,617,298	1,617,298
Total, Stockpile Management	4,284,244	4,284,244
Weapons Activities		
Production Modernization		
Primary Capability Modernization		
Plutonium Modernization		
Los Alamos Plutonium Modernization		
Los Alamos Plutonium Operations	610,599	610,599
21-D-512 Plutonium Pit Production Project, LANL	226,000	226,000
Subtotal, Los Alamos Plutonium Modernization	836,599	836,599
Savannah River Plutonium Modernization		
Savannah River Plutonium Operations	200,000	200,000
21-D-511 Savannah River Plutonium Processing Facility, SRS	241,896	241,896
Subtotal, Savannah River Plutonium Modernization	441,896	441,896
Enterprise Plutonium Support	90,782	90,782
Total, Plutonium Modernization	1,369,277	1,369,277
High Explosives and Energetics	67,370	67,370
Total, Primary Capability Modernization	1,436,647	1,436,647
Secondary Capability Modernization	457,004	457,004
Tritium and Domestic Uranium Enrichment	457,112	457,112
Non-Nuclear Capability Modernization	107,137	107,137
Total, Production Modernization	2,457,900	2,457,900
Stockpile Research, Technology, and Engineering		
Assessment Science	773,111	773,111
Engineering and Integrated Assessments	337,404	337,404
Inertial Confinement Fusion	554,725	554,725
Advanced Simulation and Computing	732,014	732,014
Weapon Technology and Manufacturing Maturation	297,965	297,965
Academic Programs	86,912	86,912
Total, Stockpile Research, Technology, and Engineering	2,782,131	2,782,131
Infrastructure and Operations		
Operations of facilities	1,014,000	1,014,000
Safety and environmental operations	165,354	165,354
Maintenance and repair of facilities	792,000	792,000
Recapitalization:		
Infrastructure and safety	670,000	670,000
Capability based investments	149,117	149,117
Planning for Programmatic Construction (Pre-CD-1)	84,787	84,787
Total, Recapitalization	903,904	903,904
Construction:		
21-D-510 HE Synthesis, Formulation, and Production, PX	31,000	31,000
19-D-670 138kV Power Transmission System Replacement, NNSS	59,000	59,000
18-D-690 Lithium Processing Facility, Y-12	109,405	109,405
18-D-620 Exascale Computing Facility Modernization Project, LLNL	29,200	29,200
18-D-650 Tritium Finishing Facility, SRS	27,000	27,000
17-D-640, U1a Complex Enhancements Project, NNSS	160,600	160,600
15-D-612 Emergency Operations Center, LLNL	27,000	27,000
15-D-611 Emergency Operations Center, SNL	36,000	36,000
15-D-302, TA-55 Reinvestments Project, Phase 3, LANL	30,000	30,000
15-D-301, HE Science & Engineering Facility, PX	43,000	43,000
07-D-220-04 Transuranic Liquid Waste Facility, LANL	36,687	36,687

SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS (In Thousands of Dollars)		
Program	FY 2021 Request	House Authorized
06-D-141 Uranium processing facility Y-12, Oak Ridge, TN	750,000	750,000
04-D-125 Chemistry and Metallurgy Research Replacement Project, LANL	169,427	169,427
Total, Construction	1,508,319	1,508,319
Total, Infrastructure and operations	4,383,577	4,383,577
Secure transportation asset		
Operations and equipment	266,390	266,390
Program direction	123,684	123,684
Total, Secure transportation asset	390,074	390,074
Defense Nuclear Security		
Operations and maintenance	815,895	815,895
Construction:		
17-D-710 West end protected area reduction project, Y-12	11,000	11,000
Total, Defense nuclear security	826,895	826,895
Information technology and cybersecurity	375,511	375,511
Legacy contractor pensions	101,668	101,668
Total, Weapons Activities	15,602,000	15,602,000
Defense Nuclear Nonproliferation		
Defense Nuclear Nonproliferation Programs		
Global material security		
International nuclear security	66,391	66,391
Domestic radiological security	101,000	131,000
Container breach in Seattle, WA		[30,000]
International radiological security	73,340	73,340
Nuclear smuggling detection and deterrence	159,749	159,749
Total, Global material security	400,480	430,480
Material management and minimization		
HEU reactor conversion	170,000	170,000
Nuclear material removal	40,000	40,000
Material disposition	190,711	190,711
Total, Material management & minimization	400,711	400,711
Nonproliferation and arms control	138,708	138,708
National Technical Nuclear Forensics R&D	40,000	40,000
Defense nuclear nonproliferation R&D		
Proliferation Detection	235,220	285,220
Nuclear verification and detection, next-gen technologies		[50,000]
Nuclear Detonation Detection	236,531	236,531
Nonproliferation Stewardship Program	59,900	59,900
Total, Defense nuclear nonproliferation R&D	531,651	581,651
Nonproliferation Construction:		
18-D-150 Surplus Plutonium Disposition Project, SRS	148,589	148,589
Total, Nonproliferation construction	148,589	148,589
Total, Defense Nuclear Nonproliferation Programs	1,660,139	1,740,139
Legacy contractor pensions	14,348	14,348
Nuclear counterterrorism and incident response program	377,513	377,513
Use of Prior Year Balances	-21,000	-21,000
Total, Defense Nuclear Nonproliferation	2,031,000	2,111,000
Naval Reactors		
Naval reactors development	590,306	590,306
Columbia-Class reactor systems development	64,700	64,700
SSG Prototype refueling	135,000	135,000
Naval reactors operations and infrastructure	506,294	506,294
Construction:		
21-D-530 KL Steam and Condensate Upgrades	4,000	4,000
14-D-901 Spent fuel handling recapitalization project, NRF	330,000	330,000
Total, Construction	334,000	334,000

SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS (In Thousands of Dollars)		
Program	FY 2021 Request	House Authorized
Program direction	53,700	53,700
Total, Naval Reactors	1,684,000	1,684,000
Federal Salaries And Expenses		
Program direction	454,000	454,000
Total, Office Of The Administrator	454,000	454,000
Defense Environmental Cleanup		
Closure sites:		
Closure sites administration	4,987	4,987
Richland:		
River corridor and other cleanup operations	54,949	235,949
Program restoration		[181,000]
Central plateau remediation	498,335	658,335
Program restoration		[160,000]
Richland community and regulatory support	2,500	10,100
Program restoration		[7,600]
Total, Hanford site	555,784	904,384
Office of River Protection:		
Waste Treatment Immobilization Plant Commissioning	50,000	50,000
Rad liquid tank waste stabilization and disposition	597,757	597,757
Tank farm activities	0	180,000
Program restoration		[180,000]
Construction:		
18-D-16 Waste treatment and immobilization plant—LBL/Direct feed		
LAW	609,924	779,924
Program restoration		[170,000]
Total, Construction	609,924	779,924
Total, Office of River Protection	1,257,681	1,607,681
Idaho National Laboratory:		
Idaho cleanup and waste disposition	257,554	257,554
Idaho community and regulatory support	2,400	2,400
Total, Idaho National Laboratory	259,954	259,954
NNSA sites and Nevada off-sites		
Lawrence Livermore National Laboratory	1,764	1,764
Nuclear facility D & D		
Separations Process Research Unit	15,000	15,000
Nevada	60,737	60,737
Sandia National Laboratories	4,860	4,860
Los Alamos National Laboratory	120,000	120,000
Total, NNSA sites and Nevada off-sites	202,361	202,361
Oak Ridge Reservation:		
OR Nuclear facility D & D	109,077	109,077
Total, OR Nuclear facility D & D	109,077	109,077
U233 Disposition Program	45,000	45,000
OR cleanup and disposition	58,000	58,000
Construction:		
17-D-401 On-site waste disposal facility	22,380	22,380
14-D-403 Outfall 200 Mercury Treatment Facility	20,500	20,500
Total, Construction	42,880	42,880
Total, OR cleanup and waste disposition	145,880	145,880
OR community & regulatory support	4,930	4,930
OR technology development and deployment	3,000	3,000
Total, Oak Ridge Reservation	262,887	262,887
Savannah River Sites:		
Savannah River risk management operations		
Savannah River risk management operations	455,122	495,122
H-Canyon not placed into stand-by condition		[40,000]
Total, risk management operations	455,122	495,122

SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS (In Thousands of Dollars)		
Program	FY 2021 Request	House Authorized
SR community and regulatory support	4,989	11,489
Secure payment in lieu of taxes funding		[6,500]
Radioactive liquid tank waste stabilization and disposition	970,332	970,332
Construction:		
20-D-402 Advanced Manufacturing Collaborative Facility (AMC)	25,000	25,000
18-D-402 Saltstone Disposal Unit #8/9	65,500	65,500
17-D-402 Saltstone Disposal Unit #7	10,716	10,716
Total, Construction	101,216	101,216
Total, Savannah River site	1,531,659	1,578,159
Waste Isolation Pilot Plant		
Waste Isolation Pilot Plant	323,260	323,260
Construction:		
15-D-412 Utility Shaft	50,000	50,000
21-D-401 Hoisting Capability Project	10,000	10,000
Total, Construction	60,000	60,000
Total, Waste Isolation Pilot Plant	383,260	383,260
Program direction	275,285	275,285
Program support	12,979	12,979
Technology development	25,000	25,000
Safeguards and Security		
Safeguards and Security	320,771	320,771
Total, Safeguards and Security	320,771	320,771
Prior year balances credited	-109,000	-109,000
Total, Defense Environmental Cleanup	4,983,608	5,728,708
Other Defense Activities		
Environment, health, safety and security		
Environment, health, safety and security	134,320	134,320
Program direction	75,368	75,368
Total, Environment, Health, safety and security	209,688	209,688
Independent enterprise assessments		
Independent enterprise assessments	26,949	26,949
Program direction	54,635	54,635
Total, Independent enterprise assessments	81,584	81,584
Specialized security activities	258,411	258,411
Office of Legacy Management		
Legacy management	293,873	138,435
Rejection of proposed transfer		[-155,438]
Program direction	23,120	23,120
Total, Office of Legacy Management	316,993	161,555
Defense related administrative support	183,789	183,789
Office of hearings and appeals	4,262	4,262
Subtotal, Other defense activities	1,054,727	899,289
Total, Other Defense Activities	1,054,727	899,289



DIRECTIVE REPORT LANGUAGE

Table Of Contents

DIVISION A—DEPARTMENT OF DEFENSE AUTHORIZATIONS

TITLE I—PROCUREMENT

OTHER PROCUREMENT, ARMY

Items of Special Interest

Soldier Enhancement Program

AIRCRAFT PROCUREMENT, AIR FORCE

Items of Special Interest

Wide area motion imagery

PROCUREMENT, DEFENSE-WIDE

Items of Special Interest

Increased research for counter unmanned aircraft systems in austere locations abroad

TITLE II—RESEARCH, DEVELOPMENT, TEST, AND EVALUATION

RESEARCH, DEVELOPMENT, TEST, AND EVALUATION, DEFENSE-WIDE

Items of Special Interest

Establishing a research consortium of excellence for irregular warfare and advanced analytics

Evaluation of emergent technologies in support of special operations forces in great power competition

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

ITEMS OF SPECIAL INTEREST

Assessment of Section 889 of the National Defense Authorization Act for Fiscal Year 2019

Briefing on Section 889 of the National Defense Authorization Act for Fiscal Year 2019

Consistency in the Management and Execution of Audits of Contractor Business System Reviews Conducted by the Defense Contract Audit Agency

Department of Defense Proposal for Reports on Acquisition Programs and Activities

Efforts to Improve the Domestic Nonavailability Waiver Process

Efforts to Streamline the Internal Control Audit Framework Used to Evaluate Contractor Business Systems

Incremental Funding of Services Contracts

Report on Cybersecurity Maturity Model Certification

Report on Source Content Supplier for Major Defense Acquisition Programs

Status of Implementing Regulations Related to Procurement Administrative Lead Times

Strategic and Critical Materials in Department of Defense Industrial Base

TITLE IX—DEPARTMENT OF DEFENSE ORGANIZATION AND MANAGEMENT

ITEMS OF SPECIAL INTEREST

Assistant Secretary of Defense for Space and Strategic Deterrence

TITLE X—GENERAL PROVISIONS

ITEMS OF SPECIAL INTEREST

OTHER MATTERS

Audit Innovation

Report on Service Consolidation of General Ledger Financial Management Systems

TITLE XII—MATTERS RELATING TO FOREIGN NATIONS

ITEMS OF SPECIAL INTEREST

Authorities for U.S. Military Personnel in Syria

Efforts to Implement the Foreign Investment Risk Review Modernization Act
Military Exchanges between Senior Officers and Officials of the United States and Taiwan

Report on Activities and Resources Necessary to Achieve the Objectives of the Indo-Pacific Reassurance Initiative

Security Sector Assistance Training for Foreign Students

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

Defense Nuclear Nonproliferation

Incident at Harborview Research and Training Facility

DIVISION A—DEPARTMENT OF DEFENSE AUTHORIZATIONS

TITLE I—PROCUREMENT

OTHER PROCUREMENT, ARMY

Items of Special Interest

Soldier Enhancement Program

The budget request contained no funds for the Soldier Enhancement Program (SEP). The committee is disappointed and concerned by the absence of funds in the budget request, as well as across the Future Years Defense Program.

The committee commends the work accomplished to date by the SEP through the Program Executive Office-Soldier that continues to provide critically needed improvements and upgrades to individual soldier equipment. This program was created by Congress and mandated to evaluate and, where appropriate, type classify existing prototypes or commercially available items that enhance soldiers' ability to execute their combat missions. The committee notes that through soldier-led evaluations, SEP initiatives resulted in the procurement of items that meet current operational needs, close a capability gap, provide real-time operational feedback, inform requirements, generate new requirements or transition a system into a new or existing Program of Record. The committee also notes that approximately 40 percent of the Program Executive Office-Soldier portfolio was started or initiated within SEP, such as Soldier Borne Sensors, AT 4 Confined Space Warhead, Polymer Magazines, and 50 Cal. Quick Change Barrel.

Therefore, the committee recommends \$5.0 million for continuation of the SEP. The committee also directs the Secretary of the Army to provide a briefing to the House Committee on Armed Services, not later than December 1, 2020, on the current and future programs being evaluated by the SEP.

AIRCRAFT PROCUREMENT, AIR FORCE

Items of Special Interest

Wide area motion imagery

The budget request contained \$121.5 million in PE 0305206F, Airborne Reconnaissance Systems, but no funding for continued development of Gorgon Stare (GS) wide area motion imagery (WAMI) surveillance capabilities. The committee is aware that the GS WAMI system supports multiple daily orbits in the U.S. Central Command area of operations with critical intelligence, surveillance, and reconnaissance (ISR). Other combatant commands have requested WAMI

capability, but the Air Force lacks enough systems to satisfy all combatant command requirements.

The committee is concerned that, despite daily operational tasking, and despite GS WAMI having been designated as a program of record in 2014, there is still no budget request for modernization of this combat-proven ISR system. The committee notes that prior year congressional funding has helped GS develop beyond-line-of-sight communications, near vertical direction finding, and multi-intelligence capabilities. Additional funding is needed to modernize sensor tip and cue, sensor field of view, and to optimize machine learning in support of Project MAVEN.

Therefore, the committee recommends \$131.5 million, an increase of \$10 million, in PE 0305206F for WAMI enhancements. The committee further directs the Chairman of the Joint Chiefs of Staff to provide a report to the House Committee on Armed Services by March 1, 2021, on the plan for apportionment of Gorgon Stare to meet geographic combatant commanders' requirements worldwide.

PROCUREMENT, DEFENSE-WIDE

Items of Special Interest

Increased research for counter unmanned aircraft systems in austere locations abroad

The budget request contained \$293.3 million for Warrior Systems. Of this amount, \$12.5 million was requested for the counter unmanned aircraft system (cUAS) program.

The committee notes that there is currently an operational requirement for increased research and development into cUAS capabilities. Recent events in Syria, Iraq, and Djibouti highlight that this is an increasing threat to military personnel engaged in countering violent extremism and great power competition missions which, if left underdeveloped, the committee understands to be an immediate threat challenging U.S. strategic locations abroad.

The committee is aware of the efforts underway by the U.S. Army to evaluate and field alternative cUAS capabilities to meet the force protection needs of the joint force. The committee supports U.S. Army efforts, but appreciates the testing and experimentation of such emergent cUAS capabilities in austere locations facilitated by U.S. Special Operations Command (USSOCOM). Given the rapid pursuit of armed unmanned aircraft systems (UAS) technologies by adversaries of the United States, the committee understands that desirable criteria for any cUAS technologies must be able to autonomously search, identify, and track threats while fusing multiple data sources with the sense-making ability enabled by radar, electro-optical, and infrared collection capabilities to employ an effect against adversary UAS.

While the committee notes that such individual technologies exist today to meet this force protection requirement, work remains to integrate these

requirements in more austere environments. Therefore, the committee recommends \$17.5 million, an increase of \$5.0 million, for further development of an integrated, multi-sensor autonomous cUAS program.

Further, the committee directs the Commander, USSOCOM, to provide a briefing to the House Committee on Armed Services by October 30, 2020, on the efforts to develop and field test autonomous, multi-sensor cUAS capabilities in austere environments. The briefing shall also include details on efforts to share best practices and capability updates with the U.S. Army, as designated lead for cUAS systems and strategies development for the joint force.

TITLE II—RESEARCH, DEVELOPMENT, TEST, AND EVALUATION

RESEARCH, DEVELOPMENT, TEST, AND EVALUATION, DEFENSE-WIDE

Items of Special Interest

Establishing a research consortium of excellence for irregular warfare and advanced analytics

The budget request contained \$35.6 million in PE 0601110D8Z for Basic Research Initiatives.

The committee recognizes the importance of basic research and academic engagement as critical to shaping the effectiveness of current and future national security policies and strategy. The committee understands that there is currently a wide range of social science research in the areas of irregular warfare that should be leveraged, including the better use of, and integration with, existing research by organizations maintaining public repositories of incidents related to acts of terrorism, societal responses, and trends of sympathies towards violent extremist ideologies. The committee believes that it is within the purview of the Department of Defense, and specifically the Under Secretary of Defense for Research and Engineering (USD(R&E)) to foster academically rigorous studies of these strategic challenges facing the Department.

Academic research activities provide a foundational understanding for how to assess the effectiveness of strategic and operational irregular warfare activities and programs as the Department enhances non-kinetic efforts below the level of armed conflict to compete with near-peer adversaries, while balancing existing capabilities and efforts postured to counter violent extremist organizations. The committee therefore believes that the USD(R&E) Basic Research Office should establish a research consortium of excellence for irregular warfare and advanced analytics.

The committee is aware the Department has been investing in the National Consortium for the Study of Terrorism and Responses to Terrorism (START) and is the largest consumer of data from this program. START is a university-based

research and education center that provides an effective resource that has informed current counterterrorism policies and strategy.

The committee therefore recommends \$40.6 million, an increase of \$5.0 million, in PE 0601110D8Z for Basic Research Initiatives to establish and fund the START consortium as a research consortium of excellence for irregular warfare and advanced analytics. Further, the committee directs the Under Secretary of Defense for Research and Engineering to provide a briefing to the House Committee on Armed Services by January 29, 2021, on the processes and procedures to establish and fund the START consortium as a research consortium of excellence for irregular warfare and advanced analytics.

Evaluation of emergent technologies in support of special operations forces in great power competition

The budget request contained \$137.2 million in PE 1160408BB for the Operational Enhancements program.

The committee recognizes that continued investment and research in emerging technologies such as Machine Learning/Artificial Intelligence (ML/AI) is critical to securing the competitive advantage of the United States. The committee remains committed to ensuring the Department of Defense continues to prioritize the development of such capabilities, and is aware of a recent Government Accountability Office report on long-range emerging threats facing the United States that highlighted the aggressive pursuit of ML/AI technologies by our adversaries.

The committee appreciates the substantial efforts by the Joint Artificial Intelligence Center to establish standards, manage development, and integrate ML/AI technologies for the benefit of the Joint Force, and the close coordination with US Special Operations Command (USSOCOM). The committee notes the importance of demonstrating the operational use of these capabilities in semi- and non-permissive environments, such as those forces deployed from USSOCOM. The committee is interested in better understanding the application of such capabilities in strategically dynamic environments with near-peer adversaries.

Therefore, the committee directs the Director of the Joint Artificial Intelligence Center, in coordination with Commander, USSOCOM, to provide a briefing to the House Committee on Armed Services by November 1, 2020, on an assessment of ML/AI technologies to enable operational maneuver, autonomous or otherwise, in highly-contested environments with near-peer adversaries.

The committee recommends \$147.2 million, an increase of \$10.0 million, in PE 1160408BB for the Operational Enhancements program.

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

ITEMS OF SPECIAL INTEREST

Assessment of Section 889 of the National Defense Authorization Act for Fiscal Year 2019

The committee directs the Comptroller General of the United States to submit a report to the congressional defense committees not later than August 13, 2026, on an assessment of the implementation of section 889 of the National Defense Authorization Act for Fiscal Year 2019 (Public Law 115-232). The assessment shall examine:

(1) the extent to which agencies have assessed applicability of section 889 to their activities to include: identifying whether and how they use the prohibited equipment, components, or services, to include those on Federal property; inventory of active contracts or other agreements with an entity that uses prohibited equipment, components, or services;

(2) the steps agencies have taken to implement section 889, to include: contract actions or changes to agreements; removal of equipment or components from programs and activities; description of waivers agencies have requested, associated rationales, and their dispositions; and

(3) the challenges agencies face in implementing section 889 and recommendations for improvement.

The committee further directs the Comptroller General to submit an interim report to the congressional defense committees not later than August 13, 2021.

Briefing on Section 889 of the National Defense Authorization Act for Fiscal Year 2019

The committee reaffirms its ongoing national security concerns about proliferation of video surveillance or telecommunications equipment in the Federal and commercial space produced by Huawei, ZTE, Hytera, Hikvision, or Dahua, as defined in section 889 of the National Defense Authorization Act for Fiscal Year 2019 (Public Law 115-232). Consistent with draft regulation issued in November 2019, and the anticipated August 2020 regulation related to this statute, the committee directs the Secretary of Defense, in coordination with the Secretary of Commerce, to provide a briefing to the House Committee on Armed Services not later than December 1, 2020, on the implementation status of the full requirements in section 889. This briefing should address the following:

(1) whether the final implementing regulation has been issued and, if not, why;

(2) whether the interim rule prohibits "covered" equipment/services only if they are a "substantial or essential component of any system", or as "critical technology as part of any system";

(3) clarify how the Departments interpret "substantial or essential" as well as "critical";

(4) how the Department of Commerce determines which "affiliates and subsidiaries" are on the covered list;

(5) the amount and type of exceptions and waivers that have been granted to date, as allowed in section 889;

(6) whether the Departments plan to seek a delay to the August 2020 mandate, which bans agencies from contracting with a company that uses covered equipment and services;

(7) how the Secretary of Defense, in consultation with the Director of National Intelligence and the Director of the Federal Bureau of Investigation, would designate additional entities believed to be owned or controlled by a foreign government as authorized; and

(8) whether the Departments plan to make funds available for the replacement of the prohibited covered equipment.

Consistency in the Management and Execution of Audits of Contractor Business System Reviews Conducted by the Defense Contract Audit Agency

The committee notes that the Department of Defense is planning to significantly increase the number of audits performed on contractor business systems (CBS) during the next few fiscal years, particularly those audits for which the Defense Contract Audit Agency (DCAA) has primary responsibility. The Defense Contract Management Agency (DCMA) and DCAA generally conduct their respective CBS reviews on a 3-year cycle. However, DCAA has fallen far short of maintaining this schedule during fiscal years 2013 through 2018 and the Government Accountability Office (GAO) recently reported that DCAA completed only 9 of 76 planned CBS audits during fiscal year 2017. In order to “catch up,” DCAA plans to significantly increase its annual pace and conduct almost 300 CBS audits between fiscal years 2019 and 2022. In their report, the GAO also noted that DCAA’s ability to meet its goal was dependent upon three factors, including:

(1) the ability to shift resources from conducting incurred cost audits to business systems audits;

(2) the use of independent public accounting firms (IPAs) to perform a portion of the incurred cost audits; and

(3) the ability of DCAA auditors to use new audit plans and complete the required business system audits in a timely manner.

Further, the committee is aware of concerns about how DCAA contracted for and oversaw the work of IPAs. The committee believes it is essential that DCAA and DCMA improve their execution, management, and oversight of contractor business systems reviews, including their use of IPAs.

Therefore, the committee directs the Comptroller General of the United States to assess:

(1) whether DCAA and DCMA have improved their visibility into the number of reviews needed to be conducted and the length of time it takes to resolve issues identified during these reviews;

(2) the progress made and challenges encountered, if any, by DCAA toward achieving its goal of becoming current on all of its contractor business systems audits by fiscal year 2022;

(3) the extent to which DCAA has used IPAs to help conduct incurred cost audits; and

(4) the extent to which DCAA is collecting and using the lessons learned from its initial use of IPAs to facilitate their use.

The committee further directs the Comptroller General to provide a briefing to the House Committee on Armed Services by March 1, 2021, on preliminary observations and submit a report to the congressional defense committees at a date agreed upon at that time.

Department of Defense Proposal for Reports on Acquisition Programs and Activities

The committee notes that the Comptroller General of the United States annual assessment of the Department of Defense's acquisition programs plays an important role in enabling the congressional defense committees' detailed oversight of the Defense Acquisition System.

Section 830(b) of the National Defense Authorization Act for Fiscal Year 2020 (Public Law 116–92) required the Secretary of Defense to submit to the congressional defense committees not later than October 15, 2020, a proposal for an alternative methodology for reporting on all acquisition programs that includes, among other things, the reporting requirements for Selected Acquisition Reports. The committee is aware that the Comptroller General's annual assessment of acquisition programs relies extensively on data included in Selected Acquisition Reports. Therefore, the committee directs the Comptroller General to assess the Secretary of Defense's proposal for an alternative methodology. At a minimum, the review shall address:

(1) potential benefits and challenges associated with the Department's proposed methodology as they relate to Comptroller General and congressional oversight of the Defense Acquisition System, including the ability to report on trends in acquisition program performance over time; and

(2) the extent to which the proposal includes reporting on elements of program performance that align with acquisition best practices.

The committee further directs the Comptroller General to provide a briefing to the House Committee on Armed Services not later than 120 days after the submission of the Secretary of Defense's report on the Comptroller General's preliminary findings and to submit a final report to the congressional defense committees on a date agreed to at the time of the briefing.

Efforts to Improve the Domestic Nonavailability Waiver Process

The committee notes that there continues to be congressional interest in how the Department of Defense executes its domestic nonavailability waiver process, including how the Department communicates with private industry and

determines whether there are new domestic sources available to meet the Department's needs. Therefore, the committee directs the Assistant Secretary of Defense for Sustainment to provide a briefing to the House Committee on Armed Services not later than December 1, 2020, on the Department's domestic nonavailability waiver process. The briefing shall address recent actions taken by the Department, including waivers granted under sections 2533a and 2533b of title 10, United States Code, since the related briefing required by the National Defense Authorization Act for Fiscal Year 2020 (Public Law 116-92), and new efforts to develop domestic supplies.

Efforts to Streamline the Internal Control Audit Framework Used to Evaluate Contractor Business Systems

The committee recognizes that consistent with a recommendation of the Section 809 Panel Report, streamlining the Department of Defense's 18 government-unique criteria used to assess contractor business systems is anticipated to result in more efficient, effective, objective, and material audits. The committee urges the Department to review the system criteria used to audit contractor systems (Cost Estimating Systems, Earned Value Management Systems, Material Management and Accounting Systems, Purchasing Systems, and Property Management Systems) to determine whether an internal control audit framework consistent with private sector auditing standards would provide a more efficient and effective approach to auditing these systems as compared to the current government-unique system criteria set forth in the Defense Federal Acquisition Regulation Supplement. The committee directs the Secretary of Defense to provide a briefing to the House Committee on Armed Services not later than February 1, 2021, on how the Department plans to improve its audit framework and its timeline for doing so.

Incremental Funding of Services Contracts

The committee is concerned about the use of incremental funding in services contracts and its potential impact on contractor performance and outcomes at the Department of Defense. The committee acknowledges that the frequent use of continuing resolutions has forced the Department to operate with less or uncertain funding for longer periods of time and may be incrementally funding contracted work, even when the services under contract are non-severable. However, the committee also recognizes that this may create an administrative burden, particularly on small businesses, and further, could result in suboptimal contractor performance.

Therefore, the committee directs the Comptroller General of the United States to:

- (1) assess whether buying activities in the Department of Defense incrementally funded work required under contracts for services awarded during the fiscal years 2017, 2018, 2019;

(2) describe whether the regulations applicable to procurement or fiscal law permits or facilitates such incremental funding;

(3) describe the processes by which the buying activities justify, approve, and monitor the use of incremental funding of services contracts; and

(4) describe whether the use of incremental funding on contracts for services poses administrative burdens, financial risks, or performance challenges to either the Department or its contractors.

The committee further directs the Comptroller General to provide a briefing to the House Committee on Armed Services by March 1, 2021, on the Comptroller General's preliminary findings and to submit a final report on a date agreed to at the time of the briefing.

Report on Cybersecurity Maturity Model Certification

The committee acknowledges that the Department of Defense has taken initial steps to ensure that its contractors are aware of the actions necessary to protect the government's data and networks from cybersecurity threats. However, the committee is concerned that there remain key unanswered questions about how it will implement its cybersecurity framework, especially given the level of collaboration necessary between industry and government for its success.

Therefore, the committee directs the Under Secretary of Defense for Acquisition and Sustainment to submit a report to the congressional defense committees by January 15, 2021, regarding the Cybersecurity Maturity Model Certification (CMMC) program. The report shall address the following:

(1) the estimated annual costs to the Department to implement CMMC and the estimated annual costs to the Department for CMMC expenses that will be considered an allowable cost on a government contract for each of fiscal years 2020 through 2024;

(2) the estimated costs for compliance and certification for each category of small, medium-sized, and large businesses, by CMMC tier;

(3) the status of Department efforts to revise regulations, issues related to current contract clauses, the timelines proposed for each step in the regulatory process, and the planned applicability to contracts once a final regulation is implemented;

(4) the efforts of the Department to incorporate CMMC training into the Department's and Defense Acquisition University's training requirements;

(5) the efforts of the Department to address issues surrounding exclusivity of the standard and the certification across the enterprise;

(6) a discussion of the roles, responsibilities, and liabilities for the prime contractors and subcontractors with regard to the assigning of the CMMC tier;

(7) a discussion of the plan for the CMMC Accreditation Board to engage and train the appropriate resources to conduct certifications for the defense industrial base as it pertains to the timelines included in the Department's rollout of CMMC;

(8) a plan for the Department to obtain and retain the CMMC Accreditation Board as the exclusive provider of CMMC certifications; and

(9) a discussion of how the CMMC Accreditation Board will prioritize the requests for CMMC certification and the factors used to determine priority, if any, specifically with regard to company size, sole source contracting, and the timelines included in the Department's rollout of CMMC.

Report on Source Content Supplier for Major Defense Acquisition Programs

The committee believes the Department of Defense's acquisition processes should be in line with the standards of the Buy American Act of 1933 (Public Law 72-428). The committee also believes the Department should set a goal to acquire and procure American-made equipment and products where possible to ensure a strong national industrial base to support warfighters in time of need.

Therefore, the committee directs the Secretary of Defense to submit a report to the congressional defense committees not later than March 1, 2021, assessing the source content of procurement carried out in connection with major defense acquisition programs (as defined in section 2430 of title 10, United States Code). The report shall include the proportion of items procured in connection with a major defense acquisition program that are manufactured in the United States which are substantially all from articles, materials, or supplies mined, produced, or manufactured in the United States.

The report shall also include a detailed description of which components of major defense acquisition programs are sole-sourced from a foreign supplier, including those sourced from a member of the North Atlantic Treaty Organization or a country that otherwise qualifies for a waiver under the Buy American Act. The report should be organized by major defense acquisition program and may contain a classified annex, but should be unclassified to the extent practicable.

Status of Implementing Regulations Related to Procurement Administrative Lead Times

The committee notes that section 886 of the National Defense Authorization Act for Fiscal Year 2018 (Public Law 115-91) and section 878 of the National Defense Authorization Act for Fiscal Year 2019 (Public Law 115-232) required the Department of Defense and Administrator of the Office of Federal Procurement Policy, respectively, to define, track, and publicly report on Procurement Administrative Lead Times (PALT) within 180 days of the date of the enactment of the Acts. The committee understands that the Department and the Administrator have taken positive steps to implement requirements to define, track, and report on PALT but, to date, have not met the statutorily imposed deadlines for implementation. Therefore, the committee directs the Secretary of Defense and the Administrator to increase the priority of these regulations and to each provide a briefing to the House Committee on Armed Services by November 1, 2020, on progress in finalizing the implementation of these regulations.

Strategic and Critical Materials in Department of Defense Industrial Base

The committee supports the Department of Defense's recent investments in upgrading domestic manufacturing through the Industrial Base Analysis and Sustainment (IBAS) program. The committee is encouraged by the Department's latest effort to mitigate supply chain vulnerabilities and address strategic material gaps. The IBAS program is an effective tool to support the domestic defense industrial base and can be further utilized to strengthen the critical materials industry, often metals such as tungsten, neodymium iron boron magnets, niobium, indium, gallium, germanium, and tin. The committee notes these materials are economically important, enabling emerging technologies as a result of their unique properties. These metals are essential in United States military applications as well as medical, electronics, 5G, automobile, aerospace, and solar industries, supporting both national security and sustainable living. Rare earth minerals and elements are necessary components of technology and defense tools, including smartphones, computer chips, radar sensors, and other electronics.

The Strategic and Critical Materials Stockpiling Act of 1939 provides for the acquisition and retention of certain strategic and critical materials. It is in the Defense Logistics Agency's (DLA) mission to foster the conservation and development of domestic sources within the United States thereby abating dangerous and costly dependence on foreign sources and single points of failure. Despite the act, the United States import of these metals amounted to 392 thousand metric tons (mt) between 2014 and 2018 whereby the consumption amounted to 89 percent. Additionally, the United States has no stockpile for these critical metals except 4mt of 95 percent contaminated tin. Per World Mine Productions and Reserves (2017 Estimates), the United States is one of the five countries that does not produce rare earth metals and has only 1.17 percent of the world's total.

Therefore, the committee directs the Secretary of Defense to include in the submission of the Annual Industrial Capabilities Report to Congress not later than March 1, 2021, as required by section 2504 of title 10, United States Code, a report on the state of the domestic supply chain, economic importance, risks associated, and availability of rare earth metals, including tungsten, neodymium iron boron magnets, niobium, indium, gallium, germanium, and tin. The assessment shall evaluate the need to stockpile these elements along with others the Department identifies due to their critical role for national security and sourcing from foreign entities.

TITLE IX—DEPARTMENT OF DEFENSE ORGANIZATION AND MANAGEMENT

ITEMS OF SPECIAL INTEREST

Assistant Secretary of Defense for Space and Strategic Deterrence

The committee notes the benefit and importance of establishing an Assistant Secretary of Defense for policy with responsibility for space, nuclear deterrence and missile defense policy in order to realign policy on strategic deterrence. The committee directs the Secretary of Defense to provide a briefing to the House Committee on Armed Services by October 30, 2020, on realigning nuclear deterrence, missile defense, and space policy under one assistant secretary in order to streamline deterrence policy development and to adequately inform acquisition of capabilities to support strategic deterrence.

TITLE X—GENERAL PROVISIONS

ITEMS OF SPECIAL INTEREST

OTHER MATTERS

Audit Innovation

The committee continues to be interested in the Department of Defense's efforts to incorporate commercial digital technologies, such as robotic process automation, cognitive and artificial intelligence to improve the quality and richness of financial data, and eliminate manual process and complex financial reconciliations, and accelerate the Department's goal of auditable financial statements. Furthermore, the committee is interested in the Department's leveraging of data gleaned from these systems and utilized beyond the financial statement audit to derive meaningful insights and inform strategic and operational decisions.

Therefore, the committee directs the Secretary of Defense to submit a report to the House Committee on Armed Services by January 31, 2021, on the adoption of advanced analytics in the execution of the Financial Improvement and Audit Remediation Plan and how they may be used to improve mission analytics, measuring and improving audit performance, identifying inefficiencies, redundancies and new risks, and preventing fraud, waste, and abuse. In addition, the report should include an understanding of the Department's efforts to standardize and improve data fidelity across the enterprise. Finally, an understanding on how the Department is implementing key initiatives to address future financial management workforce needs in data and technology skill sets.

Report on Service Consolidation of General Ledger Financial Management Systems

The committee recognizes the progress made by the Department of Defense towards an unmodified audit opinion, but remains aware that audit readiness and remediation efforts must lead to and be aligned with further efficiencies and process improvements if the investment of time and effort into the audit is to be fully leveraged. In particular, the committee recognizes the significant efforts made to

date by the military services to consolidate enterprise software and general ledger financial management systems in their business operations, and encourages the military services to continue to reduce the number of such systems. The committee directs the Secretaries of the Army, Air Force, and Navy each to provide a report to the House Committee on Armed Services not later than January 31, 2021, specifying the date by which each military service will achieve consolidation to a single general ledger financial management system, detailing efforts and funding critical to achieving consolidation, possible ways to accelerate consolidation, and such additional information as each Secretary deems appropriate.

TITLE XII—MATTERS RELATING TO FOREIGN NATIONS

ITEMS OF SPECIAL INTEREST

Authorities for U.S. Military Personnel in Syria

The committee remains concerned that the United States Strategy for Syria expresses objectives that cannot be achieved with the means identified. Furthermore, the committee is concerned about the stated purpose of U.S. military forces serving in Syria and tasks assigned to those forces. The committee directs the Secretary of Defense to provide a briefing to the House Committee on Armed Services not later than October 30, 2020, on the applicable domestic and international legal authorities that would authorize the U.S. military presence in oilfields in northeast Syria and to deny the Government of Syria access to them.

Efforts to Implement the Foreign Investment Risk Review Modernization Act

The committee recognizes the United States' status as the world's largest recipient of foreign direct investment. The committee understands the importance of balancing the many benefits of foreign direct investment to the U.S. economy with the associated risks to U.S. national security. The committee supports the Department of Defense's collaborative efforts and innovative measures to protect the defense industrial base and the U.S. critical infrastructure and critical technology sectors from such national security risks. The committee recognizes the Department of Defense's essential role, as a frequent co-lead agency and voting member of the Committee on Foreign Investment in the United States (CFIUS), in preventing and mitigating national security threats related to foreign direct investment. The committee is aware that the Foreign Investment Risk Review Modernization Act of 2018 (FIRRMA), which was signed into law as part of the John S. McCain National Defense Authorization Act for Fiscal Year 2019 (Public Law 115-232), significantly strengthened and expanded CFIUS' jurisdiction to address emerging threats to U.S. national security.

To better understand the initial impacts of FIRRMA implementation on the Department of Defense, 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 January 1, 2021. Such briefing shall include an assessment of the following:

- (1) the Department's ability to monitor and enforce compliance with mitigation agreements;
- (2) the Department's efforts to incorporate findings and recommendations from the "Protecting Critical Technology Task Force" in its review and mitigation processes;
- (3) the Department's efforts to assist allies and partners with establishing foreign direct investment screening processes that are similar to CFIUS;
- (4) the impact on the Department's ability to attract and work with startup companies producing emerging technologies that receive funding from venture capital companies; and
- (5) any other impacts to the Department associated with FIRREA implementation.

Military Exchanges between Senior Officers and Officials of the United States and Taiwan

The committee endeavors to fully understand the extent of the exchange of officials between the United States and Taiwan at all levels and the impact of the exchanges on military-to-military relations and Taiwan's self-defense capabilities. Therefore, the committee directs the Secretary of Defense to provide a briefing to the House Committee on Armed Services not later than December 1, 2020, on exchanges between senior military officers and senior officials of the United States and Taiwan. At a minimum, the briefing shall cover:

- (1) the objectives of military exchanges between senior officers and officials of the United States and Taiwan;
- (2) the number of exchanges in the two previous calendar years;
- (3) the primary focus of each such exchange;
- (4) a summary of exchanges that were focused on threat analysis, military doctrine, force planning, logistical support, intelligence collection and analysis, operational tactics, techniques, and procedures, and humanitarian and disaster relief;
- (5) the number and primary focus of exchanges planned for the following calendar year; and
- (6) any other relevant matters the Secretary of Defense determines should be included.

Report on Activities and Resources Necessary to Achieve the Objectives of the Indo-Pacific Reassurance Initiative

The committee believes that the Department of Defense's resource requirements should be forward-looking and driven by strategy. Additionally, the committee requires a detailed summary of those requirements in order to meet its

oversight responsibilities. Therefore, the committee is including a complimentary requirement, similar to a requirement appearing elsewhere in this Act, to inform the committee's deliberations in fiscal year 2022.

The committee directs the Secretary of Defense, in consultation with the Commander of U.S. Indo-Pacific Command, to submit a report to the congressional defense committees not later than February 1, 2021, on the activities and resources necessary to achieve the objectives of the Indo-Pacific Reassurance Initiative. The report shall be unclassified but may contain a classified annex. At a minimum, the report shall include:

(1) a summary of progress made towards meeting the objectives of the Indo-Pacific Reassurance Initiative.

(2) an assessment of resource requirements to achieve the objectives of the Indo-Pacific Reassurance Initiative.

(3) an assessment of capabilities requirements to achieve the objectives of the Indo-Pacific Reassurance Initiative.

(4) an assessment of logistics requirements, including force enablers, equipment, supplies, storage, and maintenance requirements, to achieve the objectives of the initiative.

(5) the intended force structure and posture of the assigned and allocated forces within the area of responsibility of the U.S. Indo-Pacific Command for the last fiscal year of the plan and the manner in which such force structure and posture support the objectives of the Initiative.

(6) an assessment of logistics requirements, including force enablers, equipment, supplies, storage, fuel storage and distribution, and maintenance requirements, to achieve the objectives of the Indo-Pacific Reassurance Initiative.

(7) an analysis of the challenges to the ability of the United States to deploy necessary forces from the continental United States to the Indo-Pacific theater in the event of a major contingency, and a description of the plans of the Department of Defense, including military exercises, to address such challenges.

(8) an assessment and plan for security cooperation investments to enhance the objectives of the Indo-Pacific Reassurance Initiative.

(9) a plan to resource U.S. force posture and capabilities, including: (a) the infrastructure capacity of existing locations and their ability to accommodate additional U.S. forces in the Indo-Pacific; (b) the potential new locations for additional U.S. forces in the Indo-Pacific, including an assessment of infrastructure and military construction resources necessary to accommodate additional U.S. forces in the Indo-Pacific; (c) a detailed timeline to achieve desired posture requirements; (d) a detailed assessment of the resources necessary to achieve the requirements of the plan, including specific cost estimates for each project under the Indo-Pacific Reassurance Initiative to support optimized presence, exercises and training, enhanced prepositioning, improved infrastructure, and building partnership capacity; and (e) a detailed timeline to achieve the force posture and capabilities, including force requirements.

(10) any other matters the Secretary of Defense determines should be included.

Security Sector Assistance Training for Foreign Students

The committee is aware that the United States has trained foreign partner forces for decades and the Department of Defense conducts security sector assistance related training for international military students from around the world. The committee supports the goal that training international military students advances U.S. national security interests by building defense partnerships and facilitating interoperability with our foreign partners. The committee is aware that the Secretary of Defense directed a review of vetting procedures for all international military students who train in the United States. The committee supports such a review. The committee is aware that the Department already implemented certain modifications to vetting procedures, and that additional modifications may be forthcoming, which may impact the population of international military students training in the United States.

Therefore, the committee directs the Secretary of Defense to provide a briefing to the House Committee on Armed Services not later than March 1, 2021, on foreign partner force training in the United States. Such briefing shall, at a minimum, include results of the Secretary's review of vetting procedures for international military students, any changes to policies and procedures as a result of such review, the current locations for international military student training (including flight training), the number of international military students being trained at each location, the type of training, the potential impact of modified vetting procedures to the international military student population at all locations, and measures being taken to ensure that the goals of training international military students in the United States are achieved.

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

Defense Nuclear Nonproliferation

Incident at Harborview Research and Training Facility

The committee notes the release of the Joint Investigation Report on the breach of the sealed source and resultant contamination of personnel, observers, the Harborview Research and Training Facility and local environment that occurred in May 2019. The report concluded that "[t]his event was preventable. It was the result of weak and partially implemented processes within the Department of Energy, Triad, and INIS." The committee notes the National Nuclear Security Administration's (NNSA) efforts to understand the causes of this incident and to ensure that any and all remediation necessary is completed in a safe and timely manner, and the committee emphasizes the need and to improve oversight and accountability at the subcontractor, contractor, and Federal levels.

Therefore, the committee directs the Administrator of the National Nuclear Security Administration to provide a briefing to the House Committee on Armed Services not later than October 30, 2020, on the report and remediation activities. The briefing shall include the following elements:

- (1) NNSA's efforts and progress in implementing findings and recommendations of the report;
- (2) status of remediation efforts and timelines for completion;
- (3) total costs expected to complete remediation;
- (4) any actions taken to ensure accountability for the incident at the subcontractor, contractor, and Federal levels, and any barriers to doing so; and
- (5) any other lessons learned to reduce the risk of another incident, and to improve safety and emergency planning.

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 2021

(In Thousands of Dollars)

	FY 2021 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	3,074,594	187,300	3,261,894
Missile Procurement, Army	3,491,507	–88,750	3,402,757
Weapons & Tracked Combat Vehicles, Army	3,696,740	159,298	3,856,038
Procurement of Ammunition, Army	2,777,716	82,500	2,860,216
Other Procurement, Army	8,625,206	–318,567	8,306,639
Aircraft Procurement, Navy	17,127,378	1,040,700	18,168,078
Weapons Procurement, Navy	4,884,995	–75,300	4,809,695
Procurement of Ammunition, Navy & Marine Corps	883,602	–39,842	843,760
Shipbuilding & Conversion, Navy	19,902,757	2,161,700	22,064,457
Other Procurement, Navy	10,948,518	–670,900	10,277,618
Procurement, Marine Corps	2,903,976	56,583	2,960,559
Aircraft Procurement, Air Force	17,908,145	–464,000	17,444,145
Missile Procurement, Air Force	2,396,417		2,396,417
Procurement of Ammunition, Air Force	596,338		596,338
Other Procurement, Air Force	23,695,720	–72,535	23,623,185
Procurement, Space Force	2,446,064	–38,000	2,408,064
Procurement, Defense-Wide	5,324,487	28,500	5,352,987
Subtotal, Title I—Procurement	130,684,160	1,948,687	132,632,847
Title II—Research, Development, Test and Evaluation			
Research, Development, Test & Evaluation, Army	12,587,343	–44,437	12,542,906
Research, Development, Test & Evaluation, Navy	21,427,048	–307,700	21,119,348
Research, Development, Test & Evaluation, Air Force	37,391,826	–316,489	37,075,337
Research, Development, Test & Evaluation, Space Force	10,327,595	91,889	10,419,484
Research, Development, Test & Evaluation, Defense-Wide	24,280,891	1,052,272	25,333,163
Operational Test & Evaluation, Defense	210,090		210,090
Subtotal, Title II—Research, Development, Test and Evaluation	106,224,793	475,535	106,700,328
Title III—Operation and Maintenance			
Operation & Maintenance, Army	40,312,968	–51,975	40,260,993
Operation & Maintenance, Army Reserve	2,934,717	–4,041	2,930,676
Operation & Maintenance, Army National Guard	7,420,014	–3,678	7,416,336
Operation & Maintenance, Navy	49,692,742	–1,193,102	48,499,640
Operation & Maintenance, Marine Corps	7,328,607	–415,729	6,912,878
Operation & Maintenance, Navy Reserve	1,127,046	–2,897	1,124,149
Operation & Maintenance, Marine Corps Reserve	284,656	67	284,723
Operation & Maintenance, Air Force	34,750,597	–310,605	34,439,992
Operation & Maintenance, Space Force	2,531,294	–2,400	2,528,894

June 16, 2020 (3:35 a.m.)

SUMMARY OF NATIONAL DEFENSE AUTHORIZATIONS FOR FISCAL YEAR 2021—Continued

(In Thousands of Dollars)

	FY 2021 Request	House Change	House Authorized
Operation & Maintenance, Air Force Reserve	3,350,284	15,015	3,365,299
Operation & Maintenance, Air National Guard	6,753,642	37,693	6,791,335
Operation & Maintenance, Defense-Wide	38,649,079	288,134	38,937,213
US Court of Appeals for the Armed Forces, Defense ...	15,211		15,211
DOD Acquisition Workforce Development Fund	58,181	140,320	198,501
Overseas Humanitarian, Disaster and Civic Aid	109,900		109,900
Cooperative Threat Reduction	238,490	135,200	373,690
Environmental Restoration	1,073,068	50,000	1,123,068
Undistributed	0	-1,455,870	-1,455,870
Subtotal, Title III—Operation and Maintenance	196,630,496	-2,773,868	193,856,628
Title IV—Military Personnel			
Military Personnel Appropriations	150,524,104	-1,093,800	149,430,304
Medicare-Eligible Retiree Health Fund Contributions ...	8,372,741		8,372,741
Subtotal, Title IV—Military Personnel	158,896,845	-1,093,800	157,803,045
Title XIV—Other Authorizations			
Working Capital Fund, Army	56,717		56,717
Working Capital Fund, Air Force	95,712		95,712
Working Capital Fund, DECA	1,146,660		1,146,660
Working Capital Fund, Defense-Wide	49,821		49,821
National Defense Sealift Fund	0	541,405	541,405
Chemical Agents & Munitions Destruction	889,500		889,500
Drug Interdiction and Counter Drug Activities	769,629		769,629
Office of the Inspector General	371,439		371,439
Defense Health Program	32,690,372	51,200	32,741,572
Subtotal, Title XIV—Other Authorizations	36,069,850	592,605	36,662,455
Total, Division A: Department of Defense Authoriza- tions	628,506,144	-850,841	627,655,303
Division B: Military Construction Authorizations			
Military Construction			
Army	650,336	65,500	715,836
Navy	1,975,606	-299,092	1,676,514
Air Force	767,132	-105,883	661,249
Defense-Wide	2,027,520	46,240	2,073,760
NATO Security Investment Program	173,030		173,030
Army National Guard	321,437	15,735	337,172
Army Reserve	88,337	2,500	90,837
Navy and Marine Corps Reserve	70,995		70,995
Air National Guard	64,214		64,214
Air Force Reserve	23,117		23,117
Unaccompanied Housing Improvement Fund	600		600
Subtotal, Military Construction	6,162,324	-275,000	5,887,324
Family Housing			
Construction, Army	119,400		119,400
Operation & Maintenance, Army	367,142	25,000	392,142

June 16, 2020 (3:35 a.m.)

SUMMARY OF NATIONAL DEFENSE AUTHORIZATIONS FOR FISCAL YEAR 2021—Continued

(In Thousands of Dollars)

	FY 2021 Request	House Change	House Authorized
Construction, Navy and Marine Corps	42,897		42,897
Operation & Maintenance, Navy and Marine Corps	346,493	50,000	396,493
Construction, Air Force	97,214		97,214
Operation & Maintenance, Air Force	317,021	60,000	377,021
Operation & Maintenance, Defense-Wide	54,728		54,728
Improvement Fund	5,897		5,897
Subtotal, Family Housing	1,350,792	135,000	1,485,792
Base Realignment and Closure			
Base Realignment and Closure—Army	66,060	40,000	106,060
Base Realignment and Closure—Navy	125,165	100,000	225,165
Base Realignment and Closure—Air Force	109,222		109,222
Subtotal, Base Realignment and Closure	300,447	140,000	440,447
Total, Division B: Military Construction Authoriza- tions	7,813,563	0	7,813,563
Total, 051, Department of Defense-Military	636,319,707	-850,841	635,468,866
Division C: Department of Energy National Security Authorization and Other Authorizations			
Function 053, Atomic Energy Defense Activities			
Environmental and Other Defense Activities			
Nuclear Energy	137,800		137,800
Weapons Activities	15,602,000		15,602,000
Defense Nuclear Nonproliferation	2,031,000	80,000	2,111,000
Naval Reactors	1,684,000		1,684,000
Federal Salaries and Expenses	454,000		454,000
Defense Environmental Cleanup	4,983,608	745,100	5,728,708
Other Defense Activities	1,054,727	-155,438	899,289
Subtotal, Environmental and Other Defense Activi- ties	25,947,135	669,662	26,616,797
Independent Federal Agency Authorization			
Defense Nuclear Facilities Safety Board	28,836		28,836
Subtotal, Independent Federal Agency Authorization	28,836	0	28,836
Subtotal, 053, Atomic Energy Defense Activities	25,975,971	669,662	26,645,633
Function 054, Defense-Related Activities			
Other Agency Authorizations			
Maritime Security Program	314,008	180,000	494,008
Subtotal, Independent Federal Agency Authorization	314,008	180,000	494,008
Subtotal, 054, Defense-Related Activities	314,008	180,000	494,008
Subtotal, Division C: Department of Energy National Security Authorization and Other Authorizations ..	26,289,979	849,662	27,139,641

June 16, 2020 (3:35 a.m.)

SUMMARY OF NATIONAL DEFENSE AUTHORIZATIONS FOR FISCAL YEAR 2021—Continued

(In Thousands of Dollars)

	FY 2021 Request	House Change	House Authorized
Total, National Defense Funding, Base Budget Request	662,609,686	–1,179	662,608,507
National Defense Funding, Overseas Contingency Operations			
Function 051, Department of Defense-Military			
Procurement			
Aircraft Procurement, Army	461,080	–4,800	456,280
Missile Procurement, Army	881,592		881,592
Weapons & Tracked Combat Vehicles, Army	15,225		15,225
Procurement of Ammunition, Army	110,668		110,668
Other Procurement, Army	924,077		924,077
Aircraft Procurement, Navy	33,241		33,241
Weapons Procurement, Navy	5,572		5,572
Procurement of Ammunition, Navy & Marine Corps	95,942		95,942
Other Procurement, Navy	343,526		343,526
Procurement, Marine Corps	47,963		47,963
Aircraft Procurement, Air Force	569,155	17,400	586,555
Missile Procurement, Air Force	223,772		223,772
Procurement of Ammunition, Air Force	802,455		802,455
Other Procurement, Air Force	355,339		355,339
Procurement, Defense-Wide	258,491	45,100	303,591
National Guard & Reserve Equipment	0	150,000	150,000
Subtotal, Procurement	5,128,098	207,700	5,335,798
Research, Development, Test and Evaluation			
Research, Development, Test & Evaluation, Army	182,824		182,824
Research, Development, Test & Evaluation, Navy	59,562		59,562
Research, Development, Test & Evaluation, Air Force	5,304		5,304
Research, Development, Test & Evaluation, Defense-Wide	82,818		82,818
Subtotal, Research, Development, Test and Evaluation	330,508	0	330,508
Operation and Maintenance			
Operation & Maintenance, Army	17,137,754	–1,353,824	15,783,930
Operation & Maintenance, Army Reserve	33,399		33,399
Operation & Maintenance, Army National Guard	79,792		79,792
Afghanistan Security Forces Fund	4,015,612	–500,000	3,515,612
Counter-ISIS Train and Equip Fund	845,000	–145,000	700,000
Operation & Maintenance, Navy	10,700,305	928,794	11,629,099
Operation & Maintenance, Marine Corps	1,102,600	400,000	1,502,600
Operation & Maintenance, Navy Reserve	21,492		21,492
Operation & Maintenance, Marine Corps Reserve	8,707		8,707
Operation & Maintenance, Air Force	17,930,020	486,330	18,416,350
Operation & Maintenance, Space Force	77,115		77,115
Operation & Maintenance, Air Force Reserve	30,090		30,090
Operation & Maintenance, Air National Guard	175,642		175,642

June 16, 2020 (3:35 a.m.)

SUMMARY OF NATIONAL DEFENSE AUTHORIZATIONS FOR FISCAL YEAR 2021—Continued

(In Thousands of Dollars)

	FY 2021 Request	House Change	House Authorized
Operation & Maintenance, Defense-Wide	6,022,254	–274,000	5,748,254
Ukraine Security Assistance		250,000	250,000
Subtotal, Operation and Maintenance	58,179,782	–207,700	57,972,082
Military Personnel			
Military Personnel Appropriations	4,602,593		4,602,593
Subtotal, Military Personnel	4,602,593	0	4,602,593
Other Authorizations			
Working Capital Fund, Army	20,090		20,090
Office of the Inspector General	24,069		24,069
Defense Health Program	365,098		365,098
Subtotal, Title XIV—Other Authorizations	409,257	0	409,257
Military Construction			
Army	15,873		15,873
Navy	70,020		70,020
Air Force	263,869		263,869
Subtotal, Military Construction	349,762	0	349,762
Subtotal, 051, Department of Defense-Military	69,000,000	0	69,000,000
Total, National Defense Funding, Overseas Contingency Operations Funding	69,000,000	0	69,000,000
Total, National Defense	731,609,686	–1,179	731,608,507
MEMORANDUM: NON-DEFENSE AUTHORIZATIONS	83,306		83,306
Title XIV—Armed Forces Retirement Home (Function 600)	70,300		70,300
Title XXXIV—Naval Petroleum and Oil Shale Reserves (Function 270)	13,006		13,006
MEMORANDUM: TRANSFER AUTHORITIES (NON-ADD)			
Title X—General Transfer Authority			[4,000,000]
Title XV—Special Transfer Authority			[2,500,000]
MEMORANDUM: DEFENSE AUTHORIZATIONS NOT UNDER THE JURISDICTION OF THE ARMED SERVICES COMMITTEE (NON-ADD)			
Defense Production Act	181,931		