

(2) *SECRETARY.*—The term “Secretary” means the Secretary of the Interior.

(3) *STATE.*—The term “State” means the State of Utah.

(4) *UTAH TEST AND TRAINING RANGE.*—The term “Utah Test and Training Range” means the portions of the military land and airspace operating area of the Utah Test and Training Area that are located in the State, including the Dugway Proving Ground.

SEC. 3002. MEMORANDUM OF AGREEMENT.

(a) *MEMORANDUM OF AGREEMENT.*—

(1) *IN GENERAL.*—Not later than 1 year after the date of enactment of this Act, the Secretary and the Secretary of the Air Force shall enter into a memorandum of agreement to authorize the Secretary of the Air Force, in consultation with the Secretary, to impose limited closures of the BLM land for military operations and national security and public safety purposes, as provided in this subtitle.

(2) *DRAFT.*—

(A) *IN GENERAL.*—Not later than 180 days after the date of enactment of this Act, the Secretary and the Secretary of the Air Force shall complete a draft of the memorandum of agreement required under paragraph (1).

(B) *PUBLIC COMMENT PERIOD.*—During the 30-day period beginning on the date on which the draft memorandum of agreement is completed under subparagraph (A), there shall be an opportunity for public comment on the draft memorandum of agreement, including an opportunity for the Utah Test and Training Range Community Resource Advisory Group established under section 3005 to provide comments on the draft memorandum of agreement.

(3) *MANAGEMENT BY SECRETARY.*—The memorandum of agreement entered into under paragraph (1) shall provide that the Secretary shall continue to manage the BLM land in accordance with the Federal Land Policy and Management Act of 1976 (43 U.S.C. 1701 et seq.) and applicable land use plans, while allowing for the temporary closure of the BLM land in accordance with this subtitle.

(4) *PERMITS AND RIGHTS-OF-WAY.*—

(A) *IN GENERAL.*—The Secretary shall consult with the Secretary of the Air Force regarding Utah Test and Training Range mission requirements before issuing new use permits or rights-of-way on the BLM land.

(B) *FRAMEWORK.*—The Secretary and the Secretary of the Air Force shall establish within the memorandum of agreement entered into under paragraph (1) a framework agreed to by the Secretary and the Secretary of the Air Force for resolving any disagreement on the issuance of permits or rights-of-way on the BLM land.

(5) *TERMINATION.*—

(A) *IN GENERAL.*—The memorandum of agreement entered into under paragraph (1) shall be for a term to be determined by the Secretary and the Secretary of the Air Force, not to exceed 25 years.

(B) *EARLY TERMINATION.*—The memorandum of agreement may be terminated before the date determined under

subparagraph (A) if the Secretary of the Air Force determines that the temporary closure of the BLM land is no longer necessary to fulfill Utah Test and Training Range mission requirements.

(b) *MAP.*—The Secretary may correct any minor errors in the map described in section 3001(1).

(c) *LAND SAFETY.*—If decontamination of the BLM land is necessary due to an action of the Air Force, the Secretary of the Air Force shall—

(1) render the BLM land safe for public use; and

(2) appropriately communicate the safety of the land to the Secretary on the date on which the BLM land is rendered safe for public use under paragraph (1).

(d) *CONSULTATION.*—The Secretary shall consult with any federally recognized Indian tribe in the vicinity of the BLM land before entering into any agreement under this subtitle.

(e) *GRAZING.*—

(1) *EFFECT.*—Nothing in this subtitle affects the management of grazing on the BLM land.

(2) *CONTINUATION OF GRAZING MANAGEMENT.*—The Secretary shall continue grazing management on the BLM land pursuant to the Federal Land Policy and Management Act of 1976 (43 U.S.C. 1701 et seq.) and applicable resource management plans.

(f) *MEMORANDUM OF UNDERSTANDING ON EMERGENCY ACCESS AND RESPONSE.*—Nothing in this section precludes the continuation of the memorandum of understanding between the Department of the Interior and the Department of the Air Force with respect to emergency access and response, as in existence on the date of enactment of this Act.

(g) *WITHDRAWAL.*—Subject to valid existing rights, the BLM land is withdrawn from all forms of appropriation under the public land laws, including the mining laws, the mineral leasing laws, and the geothermal leasing laws.

SEC. 3003. TEMPORARY CLOSURES.

(a) *IN GENERAL.*—If the Secretary of the Air Force determines that military operations (including operations relating to the fulfillment of the mission of the Utah Test and Training Range), public safety, or national security require the temporary closure to public use of any road, trail, or other portion of the BLM land, the Secretary of the Air Force may take such action as the Secretary of the Air Force, in consultation with the Secretary, determines necessary to carry out the temporary closure.

(b) *LIMITATIONS.*—Any temporary closure under subsection (a)—

(1) shall be limited to the minimum areas and periods that the Secretary of the Air Force determines are required to carry out a closure under this section;

(2) shall not occur on a State or Federal holiday, unless notice is provided in accordance with subsection (c)(1)(B);

(3) shall not occur on a Friday, Saturday, or Sunday, unless notice is provided in accordance with subsection (c)(1)(B); and

(4)(A) if practicable, shall be for not longer than a 3-hour period per day;

(B) shall only be for longer than a 3-hour period per day—

(i) for mission essential reasons; and

(ii) as infrequently as practicable and in no case for more than 10 days per year; and

(C) shall in no case be for longer than a 6-hour period per day.

(c) NOTICE.—

(1) IN GENERAL.—Except as provided in paragraph (2), the Secretary of the Air Force shall—

(A) keep appropriate warning notices posted before and during any temporary closure; and

(B) provide notice to the Secretary, public, and relevant stakeholders concerning the temporary closure—

(i) at least 30 days before the date on which the temporary closure goes into effect;

(ii) in the case of a closure during the period beginning on March 1 and ending on May 31, at least 60 days before the date on which the closure goes into effect; or

(iii) in the case of a closure described in paragraph (3) or (4) of subsection (b), at least 90 days before the date on which the closure goes into effect.

(2) SPECIAL NOTIFICATION PROCEDURES.—In each case for which a mission-unique security requirement does not allow for the notifications described in paragraph (1)(B), the Secretary of the Air Force shall work with the Secretary to achieve a mutually agreeable timeline for notification.

(d) MAXIMUM ANNUAL CLOSURES.—The total cumulative hours of temporary closures authorized under this section with respect to the BLM land shall not exceed 100 hours annually.

(e) PROHIBITION ON CERTAIN TEMPORARY CLOSURES.—The northernmost area identified as “Newfoundland’s” on the map described in section 3001(1) shall not be subject to any temporary closure between August 21 and February 28, in accordance with the lawful hunting seasons of the State of Utah.

(f) EMERGENCY GROUND RESPONSE.—A temporary closure of a portion of the BLM land shall not affect the conduct of emergency response activities on the BLM land during the temporary closure.

(g) LIVESTOCK.—Livestock authorized by a Federal grazing permit shall be allowed to remain on the BLM land during a temporary closure of the BLM land under this section.

(h) LAW ENFORCEMENT AND SECURITY.—The Secretary and the Secretary of the Air Force may enter into cooperative agreements with State and local law enforcement officials with respect to lawful procedures and protocols to be used in promoting public safety and operation security on or near the BLM land during noticed test and training periods.

SEC. 3004. LIABILITY.

The United States (including all departments, agencies, officers, and employees of the United States) shall be held harmless and shall not be liable for any injury or damage to any individual or property suffered in the course of any mining, mineral, or geothermal activity, or any other authorized nondefense-related activity, conducted on the BLM land.

SEC. 3005. COMMUNITY RESOURCE ADVISORY GROUP.

(a) *ESTABLISHMENT.*—Not later than 90 days after the date of enactment of this Act, there shall be established the Utah Test and Training Range Community Resource Advisory Group (referred to in this section as the “Community Group”) to provide regular and continuing input to the Secretary and the Secretary of the Air Force on matters involving public access to, use of, and overall management of the BLM land.

(b) *MEMBERSHIP.*—

(1) *IN GENERAL.*—The Secretary shall appoint members to the Community Group, including—

(A) 1 representative of Indian tribes in the vicinity of the BLM land, to be nominated by a majority vote conducted among the Indian tribes in the vicinity of the BLM land;

(B) not more than 1 county commissioner from each of Box Elder, Tooele, and Juab Counties, Utah;

(C) 2 representatives of off-road and highway use, hunting, or other recreational users of the BLM land;

(D) 2 representatives of livestock permittees on public land located within the BLM land;

(E) 1 representative of the Utah Department of Agriculture and Food; and

(F) not more than 3 representatives of State or Federal offices or agencies, or private groups or individuals, if the Secretary determines that such representatives would further the goals and objectives of the Community Group.

(2) *CHAIRPERSON.*—The members described in paragraph (1) shall elect from among the members of the Community Group—

(A) 1 member to serve as Chairperson of the Community Group; and

(B) 1 member to serve as Vice-Chairperson of the Community Group.

(3) *AIR FORCE PERSONNEL.*—The Secretary of the Air Force shall appoint appropriate operational and land management personnel of the Air Force to serve as a liaison to the Community Group.

(c) *CONDITIONS AND TERMS OF APPOINTMENT.*—

(1) *IN GENERAL.*—Each member of the Community Group shall serve voluntarily and without compensation.

(2) *TERM OF APPOINTMENT.*—

(A) *IN GENERAL.*—Each member of the Community Group shall be appointed for a term of 4 years.

(B) *ORIGINAL MEMBERS.*—Notwithstanding subparagraph (A), the Secretary shall select $\frac{1}{2}$ of the original members of the Community Group to serve for a term of 4 years and the other $\frac{1}{2}$ of the original members of the Community Group to serve for a term of 2 years, to ensure the replacement of members shall be staggered from year to year.

(C) *REAPPOINTMENT AND REPLACEMENT.*—The Secretary may reappoint or replace a member of the Community Group appointed under subsection (b)(1), if—

(i) the term of the member has expired;

(ii) the member has resigned; or

(iii) the position held by the member described in subparagraph (A) through (F) of paragraph (1) has changed to the extent that the ability of the member to represent the group or entity that the member represents has been significantly affected.

(d) **MEETINGS.**—

(1) **IN GENERAL.**—The Community Group shall meet not less than once per year, and at such other frequencies as determined by 5 or more of the members of the Community Group.

(2) **RESPONSIBILITIES OF COMMUNITY GROUP.**—The Community Group shall be responsible for determining appropriate schedules for, details of, and actions for meetings of the Community Group.

(3) **NOTICE.**—The Chairperson shall provide notice to each member of the Community Group not less than 10 business days before the date of a scheduled meeting.

(4) **EXEMPT FROM FEDERAL ADVISORY COMMITTEE ACT.**—The Federal Advisory Committee Act (5 U.S.C. App.) shall not apply to meetings of the Community Group.

(e) **RECOMMENDATIONS OF COMMUNITY GROUP.**—The Secretary and Secretary of the Air Force, consistent with existing laws (including regulations), shall take under consideration recommendations from the Community Group.

(f) **TERMINATION OF AUTHORITY.**—

(1) **IN GENERAL.**—The Community Group shall terminate on the date that is seven years after the date of enactment of this Act.

(2) **EARLY TERMINATION.**—The Secretary and the Community Group, acting jointly, may elect to terminate the Community Group before the date provided in subsection (a).

SEC. 3006. SAVINGS CLAUSES.

(a) **EFFECT ON WEAPON IMPACT AREA.**—Nothing in this subtitle expands the boundaries of the weapon impact area of the Utah Test and Training Range.

(b) **EFFECT ON SPECIAL USE AIRSPACE AND TRAINING ROUTES.**—Nothing in this subtitle precludes—

- (1) the designation of new units of special use airspace; or
- (2) the expansion of existing units of special use airspace.

(c) **EFFECT ON EXISTING MILITARY SPECIAL USE AIRSPACE AGREEMENT.**—Nothing in this subtitle limits or alters the Military Operating Areas of Airspace Use Agreement between the Federal Aviation Administration and the Air Force in effect on the date of enactment of this Act.

(d) **EFFECT ON EXISTING RIGHTS AND AGREEMENTS.**—Except as otherwise provided in section 3003, nothing in this subtitle limits or alters any existing right or right of access to—

- (1) the Knolls Special Recreation Management Area; or
- (2)(A) the Bureau of Land Management Community Pits Central Grayback and South Grayback; and
- (B) any other county or community pit located within close proximity to the BLM land.

(e) **INTERSTATE 80.**—Nothing in this subtitle authorizes any additional authority or right to the Secretary or the Secretary of the Air Force to temporarily close Interstate 80.

(f) *EFFECT ON LIMITATION ON AMENDMENTS TO CERTAIN INDIVIDUAL RESOURCE MANAGEMENT PLANS.*—Nothing in this subtitle affects the limitation established under section 2815(d) of the National Defense Authorization Act for Fiscal Year 2000 (Public Law 106–65; 113 Stat. 852).

(g) *EFFECT ON PREVIOUS MEMORANDUM OF UNDERSTANDING.*—Nothing in this subtitle affects the memorandum of understanding entered into by the Air Force, the Bureau of Land Management, the Utah Department of Natural Resources, and the Utah Division of Wildlife Resources relating to the reestablishment of bighorn sheep in the Newfoundland Mountains and signed by the parties to the memorandum of understanding during the period beginning on January 24, 2000, and ending on February 4, 2000.

(h) *EFFECT ON FEDERALLY RECOGNIZED INDIAN TRIBES.*—Nothing in this subtitle alters any right reserved by treaty or Federal law for a Federally recognized Indian tribe for tribal use.

(i) *PAYMENTS IN LIEU OF TAXES.*—Nothing in this subtitle diminishes, enhances, or otherwise affects any other right or entitlement of the counties in which the BLM land is situated to payments in lieu of taxes based on the BLM land, under section 6901 of title 31, United States Code.

(j) *WILDLIFE IMPROVEMENTS.*—The Secretary and the Utah Division of Wildlife Resources shall continue the management of wildlife improvements, including guzzlers, in existence as of the date of enactment of this Act on the BLM land.

Subtitle B—Bureau of Land Management Land Exchange With State of Utah

SEC. 3011. DEFINITIONS.

In this subtitle:

(1) *EXCHANGE MAP.*—The term “Exchange Map” means the map prepared by the Bureau of Land Management entitled “Utah Test and Training Range Enhancement/West Desert Land Exchange” and dated July 21, 2016.

(2) *FEDERAL LAND.*—The term “Federal land” means the Bureau of Land Management land located in Box Elder, Millard, Juab, Tooele, and Beaver Counties, Utah, that is identified on the Exchange Map as “BLM Lands Proposed for Transfer to State Trust Lands”.

(3) *NON-FEDERAL LAND.*—The term “non-Federal land” means the land owned by the State in Box Elder, Tooele, and Juab Counties, Utah, that is identified on the Exchange Map as—

(A) “State Trust Land Proposed for Transfer to BLM”;

and

(B) “State Trust Minerals Proposed for Transfer to BLM”.

(4) *SECRETARY.*—The term “Secretary” means the Secretary of the Interior.

(5) *STATE.*—The term “State” means the State of Utah, acting through the School and Institutional Trust Lands Administration.

SEC. 3012. EXCHANGE OF FEDERAL LAND AND NON-FEDERAL LAND.

(a) *IN GENERAL.*—If the State offers to convey to the United States title to the non-Federal land, the Secretary shall—

- (1) accept the offer; and
- (2) on receipt of all right, title, and interest in and to the non-Federal land, convey to the State (or a designee) all right, title, and interest of the United States in and to the Federal land.

(b) *APPLICABLE LAW.*—

(1) *IN GENERAL.*—The land exchange shall be subject to section 206 of the Federal Land Policy and Management Act of 1976 (43 U.S.C. 1716) and other applicable law.

(2) *EFFECT OF STUDY.*—The Secretary shall carry out the land exchange under this subtitle notwithstanding section 2815(d) of the National Defense Authorization Act for Fiscal Year 2000 (Public Law 106-65; 113 Stat. 852).

(3) *LAND USE PLANNING.*—The Secretary shall not be required to undertake any additional land use planning under section 202 of the Federal Land Policy and Management Act of 1976 (43 U.S.C. 1712) before the conveyance of the Federal land under this subtitle.

(c) *VALID EXISTING RIGHTS.*—The exchange authorized under subsection (a) shall be subject to valid existing rights.

(d) *TITLE APPROVAL.*—Title to the Federal land and non-Federal land to be exchanged under this subtitle shall be in a format acceptable to the Secretary and the State.

(e) *APPRAISALS.*—

(1) *IN GENERAL.*—The value of the Federal land and the non-Federal land to be exchanged under this subtitle shall be determined by appraisals conducted by 1 or more independent and qualified appraisers.

(2) *STATE APPRAISER.*—The Secretary and the State may agree to use an independent and qualified appraiser retained by the State, with the consent of the Secretary.

(3) *APPLICABLE LAW.*—The appraisals under paragraph (1) shall be conducted in accordance with nationally recognized appraisal standards, including, as appropriate, the Uniform Appraisal Standards for Federal Land Acquisitions and the Uniform Standards of Professional Appraisal Practice.

(4) *MINERALS.*—

(A) *MINERAL REPORTS.*—The appraisals under paragraph (1) may take into account mineral and technical reports provided by the Secretary and the State in the evaluation of minerals in the Federal land and non-Federal land.

(B) *MINING CLAIMS.*—Federal land that is encumbered by a mining or millsite claim located under sections 2318 through 2352 of the Revised Statutes (commonly known as the “Mining Law of 1872”) (30 U.S.C. 21 et seq.) shall be appraised in accordance with standard appraisal practices, including, as appropriate, the Uniform Appraisal Standards for Federal Land Acquisition.

(C) *VALIDITY EXAMINATION.*—Nothing in this subtitle requires the Secretary to conduct a mineral examination for any mining claim on the Federal land.

(5) *APPROVAL.*—An appraisal conducted under paragraph (1) shall be submitted to the Secretary and the State for approval.

(6) *DURATION.*—An appraisal conducted under paragraph (1) shall remain valid for 3 years after the date on which the appraisal is approved by the Secretary and the State.

(7) *COST OF APPRAISAL.*—

(A) *IN GENERAL.*—The cost of an appraisal conducted under paragraph (1) shall be paid equally by the Secretary and the State.

(B) *REIMBURSEMENT BY SECRETARY.*—If the State retains an appraiser in accordance with paragraph (2), the Secretary shall reimburse the State in an amount equal to 50 percent of the costs incurred by the State.

(f) *CONVEYANCE OF TITLE.*—It is the intent of Congress that the land exchange authorized under this subtitle shall be completed not later than 1 year after the date of final approval by the Secretary and the State of the appraisals conducted under subsection (e).

(g) *PUBLIC INSPECTION AND NOTICE.*—

(1) *PUBLIC INSPECTION.*—At least 30 days before the date of conveyance of the Federal land and non-Federal land, all final appraisals and appraisal reviews for the Federal land and non-Federal land to be exchanged under this subtitle shall be available for public review at the office of the State Director of the Bureau of Land Management in the State.

(2) *NOTICE.*—The Secretary or the State, as applicable, shall publish in a newspaper of general circulation in Salt Lake County, Utah, a notice that the appraisals conducted under subsection (e) are available for public inspection.

(h) *CONSULTATION WITH INDIAN TRIBES.*—The Secretary shall consult with any federally recognized Indian tribe in the vicinity of the Federal land and non-Federal land to be exchanged under this subtitle before the completion of the land exchange.

(i) *EQUAL VALUE EXCHANGE.*—

(1) *IN GENERAL.*—The value of the Federal land and non-Federal land to be exchanged under this subtitle—

(A) shall be equal; or

(B) shall be made equal in accordance with paragraph

(2).

(2) *EQUALIZATION.*—

(A) *SURPLUS OF FEDERAL LAND.*—

(i) *IN GENERAL.*—If the value of the Federal land exceeds the value of the non-Federal land, the value of the Federal land and non-Federal land shall be equalized by the State conveying to the Secretary, as necessary to equalize the value of the Federal land and non-Federal land—

(I) State trust land parcel 1, as described in the assessment entitled “Bureau of Land Management Environmental Assessment UT-100-06-EA”, numbered UTU-82090, and dated March 2008; or

(II) State trust land located within any of the wilderness areas or national conservation areas in Washington County, Utah, established under subtitle O of title I of the Omnibus Public Land Man-

agement Act of 2009 (Public Law 111-11; 123 Stat. 1075).

(ii) **ORDER OF CONVEYANCES.**—Any non-Federal land required to be conveyed to the Secretary under clause (i) shall be conveyed until the value of the Federal land and non-Federal land is equalized.

(B) **SURPLUS OF NON-FEDERAL LAND.**—If the value of the non-Federal land exceeds the value of the Federal land, the value of the Federal land and the non-Federal land shall be equalized—

(i) by the Secretary making a cash equalization payment to the State, in accordance with section 206(b) of the Federal Land Policy and Management Act of 1976 (43 U.S.C. 1716(b)); or

(ii) by removing non-Federal land from the exchange.

(j) **GRAZING PERMITS.**—

(1) **IN GENERAL.**—If the Federal land or non-Federal land exchanged under this subtitle is subject to a lease, permit, or contract for the grazing of domestic livestock in effect on the date of acquisition, the Secretary and the State shall allow the grazing to continue for the remainder of the term of the lease, permit, or contract, subject to the related terms and conditions of user agreements, including permitted stocking rates, grazing fee levels, access rights, and ownership and use of range improvements.

(2) **RENEWAL.**—To the extent allowed by Federal or State law, on expiration of any grazing lease, permit, or contract described in paragraph (1), the holder of the lease, permit, or contract shall be entitled to a preference right to renew the lease, permit, or contract.

(3) **CANCELLATION.**—

(A) **IN GENERAL.**—Nothing in this subtitle prevents the Secretary or the State from canceling or modifying a grazing permit, lease, or contract if the Federal land or non-Federal land subject to the permit, lease, or contract is sold, conveyed, transferred, or leased for non-grazing purposes by the Secretary or the State.

(B) **LIMITATION.**—Except to the extent reasonably necessary to accommodate surface operations in support of mineral development, the Secretary or the State shall not cancel or modify a grazing permit, lease, or contract because the land subject to the permit, lease, or contract has been leased for mineral development.

(4) **BASE PROPERTIES.**—If non-Federal land conveyed by the State under this subtitle is used by a grazing permittee or lessee to meet the base property requirements for a Federal grazing permit or lease, the land shall continue to qualify as a base property for—

(A) the remaining term of the lease or permit; and

(B) the term of any renewal or extension of the lease or permit.

(k) **WITHDRAWAL OF FEDERAL LAND FROM MINERAL ENTRY PRIOR TO EXCHANGE.**—Subject to valid existing rights, the Federal land to be conveyed to the State under this subtitle is withdrawn

from mineral location, entry, and patent under the mining laws pending conveyance of the Federal land to the State.

SEC. 3013. STATUS AND MANAGEMENT OF NON-FEDERAL LAND ACQUIRED BY THE UNITED STATES.

(a) *IN GENERAL.*—On conveyance to the United States under this subtitle, the non-Federal land shall be managed by the Secretary in accordance with the Federal Land Policy and Management Act of 1976 (43 U.S.C. 1701 et seq.) and applicable land use plans.

(b) *NON-FEDERAL LAND WITHIN CEDAR MOUNTAINS WILDERNESS.*—On conveyance to the Secretary under this subtitle, the non-Federal land located within the Cedar Mountains Wilderness shall, in accordance with section 206(c) of the Federal Land Policy Act of 1976 (43 U.S.C. 1716(c)), be added to, and administered as part of, the Cedar Mountains Wilderness.

(c) *NON-FEDERAL LAND WITHIN WILDERNESS AREAS OR NATIONAL CONSERVATION AREAS.*—On conveyance to the Secretary under this subtitle, non-Federal land located in a national wilderness area or national conservation area shall be managed in accordance with the applicable provisions of subtitle O of title I of the Omnibus Public Land Management Act of 2009 (Public Law 111–11).

SEC. 3014. HAZARDOUS SUBSTANCES.

(a) *COSTS.*—Except as provided in subsection (b), the costs of remedial actions relating to hazardous substances on land acquired under this subtitle shall be paid by those entities responsible for the costs under applicable law.

(b) *REMEDICATION OF PRIOR TESTING AND TRAINING ACTIVITY.*—The Secretary of the Air Force shall bear all costs of remediation required as a result of the previous testing of military weapons systems and the training of military forces on non-Federal land to be conveyed to the United States under this subtitle.

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

TITLE XXXI—DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS

Subtitle A—National Security Programs and Authorizations

Sec. 3101. National Nuclear Security Administration.

Sec. 3102. Defense environmental cleanup.

Sec. 3103. Other defense activities.

Sec. 3104. Nuclear energy.

Subtitle B—Program Authorizations, Restrictions, and Limitations

Sec. 3111. Independent acquisition project reviews of capital assets acquisition projects.

Sec. 3112. Protection of certain nuclear facilities and assets from unmanned aircraft.

Sec. 3113. Common financial reporting system for the nuclear security enterprise.

Sec. 3114. Rough estimate of total life cycle cost of tank waste cleanup at Hanford Nuclear Reservation.

Sec. 3115. Annual certification of shipments to Waste Isolation Pilot Plant.

Sec. 3116. Disposition of weapons-usable plutonium.

Sec. 3117. Design basis threat.

Sec. 3118. Industry best practices in operations at National Nuclear Security Administration facilities and sites.

Sec. 3119. Pilot program on unavailability for overhead costs of amounts specified for laboratory-directed research and development.

Sec. 3120. Research and development of advanced naval nuclear fuel system based on low-enriched uranium.

- Sec. 3121. Increase in certain limitations applicable to funds for conceptual and construction design of the Department of Energy.
- Sec. 3122. Prohibition on availability of funds for programs in Russian Federation.
- Sec. 3123. Limitation on availability of funds for Federal salaries and expenses.
- Sec. 3124. Limitation on availability of funds for defense environmental cleanup program direction.
- Sec. 3125. Limitation on availability of funds for acceleration of nuclear weapons dismantlement.

Subtitle C—Plans and Reports

- Sec. 3131. Independent assessment of technology development under defense environmental cleanup program.
- Sec. 3132. Updated plan for verification and monitoring of proliferation of nuclear weapons and fissile material.
- Sec. 3133. Report on the use of highly-enriched uranium for naval reactors.
- Sec. 3134. Analysis of approaches for supplemental treatment of low-activity waste at Hanford Nuclear Reservation.
- Sec. 3135. Clarification of annual report and certification on status of security of atomic energy defense facilities.
- Sec. 3136. Report on service support contracts and authority for appointment of certain personnel.
- Sec. 3137. Elimination of certain reporting requirements.
- Sec. 3138. Report on United States nuclear deterrence.

Subtitle A—National Security Programs and Authorizations

SEC. 3101. NATIONAL NUCLEAR SECURITY ADMINISTRATION.

(a) *AUTHORIZATION OF APPROPRIATIONS.*—Funds are hereby authorized to be appropriated to the Department of Energy for fiscal year 2017 for the activities of the National Nuclear Security Administration in carrying out programs as specified in the funding table in section 4701.

(b) *AUTHORIZATION OF NEW PLANT PROJECTS.*—From funds referred to in subsection (a) that are available for carrying out plant projects, the Secretary of Energy may carry out new plant projects for the National Nuclear Security Administration as follows:

Project 17–D–630, Expand Electrical Distribution System, Lawrence Livermore National Laboratory, Livermore, California, \$25,000,000.

Project 17–D–640, U1a Complex Enhancements Project, Nevada National Security Site, Mercury, Nevada, \$11,500,000.

Project 17–D–911, BL Fire System Upgrade, Bettis Atomic Power Laboratory, West Mifflin, Pennsylvania, \$1,400,000.

SEC. 3102. DEFENSE ENVIRONMENTAL CLEANUP.

(a) *AUTHORIZATION OF APPROPRIATIONS.*—Funds are hereby authorized to be appropriated to the Department of Energy for fiscal year 2017 for defense environmental cleanup activities in carrying out programs as specified in the funding table in section 4701.

(b) *AUTHORIZATION OF NEW PLANT PROJECTS.*—From funds referred to in subsection (a) that are available for carrying out plant projects, the Secretary of Energy may carry out, for defense environmental cleanup activities, the following new plant project:

Project 17–D–401, Saltstone Disposal Unit #7, Savannah River Site, Aiken, South Carolina, \$9,729,000.

SEC. 3103. OTHER DEFENSE ACTIVITIES.

Funds are hereby authorized to be appropriated to the Department of Energy for fiscal year 2017 for other defense activities in carrying out programs as specified in the funding table in section 4701.

SEC. 3104. NUCLEAR ENERGY.

Funds are hereby authorized to be appropriated to the Department of Energy for fiscal year 2017 for nuclear energy as specified in the funding table in section 4701.

Subtitle B—Program Authorizations, Restrictions, and Limitations

SEC. 3111. INDEPENDENT ACQUISITION PROJECT REVIEWS OF CAPITAL ASSETS ACQUISITION PROJECTS.

(a) IN GENERAL.—Subtitle C of title XLVII of the Atomic Energy Defense Act (50 U.S.C. 2772) is amended by inserting after section 4732 the following new section:

“SEC. 4733. INDEPENDENT ACQUISITION PROJECT REVIEWS OF CAPITAL ASSETS ACQUISITION PROJECTS.

“(a) REVIEWS.—The appropriate head shall ensure that an independent entity conducts reviews of each capital assets acquisition project as the project moves toward the approval of each of critical decision 0, critical decision 1, and critical decision 2 in the acquisition process.

“(b) PRE-CRITICAL DECISION 1 REVIEWS.—In addition to any other matters, with respect to each review of a capital assets acquisition project under subsection (a) that has not reached critical decision 1 approval in the acquisition process, such review shall include—

“(1) a review using best practices of the analysis of alternatives for the project; and

“(2) identification of any deficiencies in such analysis of alternatives for the appropriate head to address.

“(c) INDEPENDENT ENTITIES.—The appropriate head shall ensure that each review of a capital assets acquisition project under subsection (a) is conducted by an independent entity with the appropriate expertise with respect to the project and the stage in the acquisition process of the project.

“(d) DEFINITIONS.—In this section:

“(1) The term ‘acquisition process’ means the acquisition process for a project, as defined in Department of Energy Order 413.3B (relating to project management and project management for the acquisition of capital assets), or a successor order.

“(2) The term ‘appropriate head’ means—

“(A) the Administrator, with respect to capital assets acquisition projects of the Administration; and

“(B) the Assistant Secretary of Energy for Environmental Management, with respect to capital assets acquisition projects of the Office of Environmental Management.

“(3) The term ‘capital assets acquisition project’ means a project—

“(A) the total project cost of which is more than \$500,000,000; and

“(B) that is covered by Department of Energy Order 413.3, or a successor order, for the acquisition of capital assets for atomic energy defense activities.”

(b) CLERICAL AMENDMENT.—The table of contents for such Act is amended by inserting after the item relating to section 4732 the following new item:

“Sec. 4733. Independent acquisition project reviews of capital assets acquisition projects.”.

SEC. 3112. PROTECTION OF CERTAIN NUCLEAR FACILITIES AND ASSETS FROM UNMANNED AIRCRAFT.

(a) IN GENERAL.—Subtitle A of title XLV of the Atomic Energy Defense Act (50 U.S.C. 2651 et seq.) is amended by adding at the end the following new section:

“SEC. 4510. PROTECTION OF CERTAIN NUCLEAR FACILITIES AND ASSETS FROM UNMANNED AIRCRAFT.

“(a) AUTHORITY.—Notwithstanding any provision of title 18, United States Code, the Secretary of Energy may take such actions described in subsection (b)(1) that are necessary to mitigate the threat (as defined by the Secretary of Energy, in consultation with the Secretary of Transportation) that an unmanned aircraft system or unmanned aircraft poses to the safety or security of a covered facility or asset.

“(b) ACTIONS DESCRIBED.—(1) The actions described in this paragraph are the following:

“(A) Detect, identify, monitor, and track the unmanned aircraft system or unmanned aircraft, without prior consent, including by means of intercept or other access of a wire, oral, or electronic communication used to control the unmanned aircraft system or unmanned aircraft.

“(B) Warn the operator of the unmanned aircraft system or unmanned aircraft, including by passive or active, and direct or indirect physical, electronic, radio, and electromagnetic means.

“(C) Disrupt control of the unmanned aircraft system or unmanned aircraft, without prior consent, including by disabling the unmanned aircraft system or unmanned aircraft by intercepting, interfering, or causing interference with wire, oral, electronic, or radio communications used to control the unmanned aircraft system or unmanned aircraft.

“(D) Seize or exercise control of the unmanned aircraft system or unmanned aircraft.

“(E) Seize or otherwise confiscate the unmanned aircraft system or unmanned aircraft.

“(F) Use reasonable force to disable, damage, or destroy the unmanned aircraft system or unmanned aircraft.

“(2) The Secretary of Energy shall develop the actions described in paragraph (1) in coordination with the Secretary of Transportation.

“(c) FORFEITURE.—Any unmanned aircraft system or unmanned aircraft described in subsection (a) that is seized by the Secretary of Energy is subject to forfeiture to the United States.

“(d) REGULATIONS.—The Secretary of Energy and the Secretary of Transportation may prescribe regulations and shall issue guidance in the respective areas of each Secretary to carry out this section.

“(e) DEFINITIONS.—In this section:

“(1) The term ‘covered facility or asset’ means any facility or asset that is—

“(A) identified by the Secretary of Energy for purposes of this section;

“(B) located in the United States (including the territories and possessions of the United States); and

“(C) owned by the United States or contracted to the United States, to store or use special nuclear material.

“(2) The terms ‘unmanned aircraft’ and ‘unmanned aircraft system’ have the meanings given those terms in section 331 of the FAA Modernization and Reform Act of 2012 (Public Law 112–95; 49 U.S.C. 40101 note).”

(b) **CLERICAL AMENDMENT.**—The table of contents for such Act is amended by inserting after the item relating to section 4509 the following new item:

“Sec. 4510. Protection of certain nuclear facilities and assets from unmanned aircraft.”

SEC. 3113. COMMON FINANCIAL REPORTING SYSTEM FOR THE NUCLEAR SECURITY ENTERPRISE.

(a) **IN GENERAL.**—By not later than four years after the date of the enactment of this Act, the Administrator for Nuclear Security shall, in consultation with the National Nuclear Security Administration Council established by section 4102(b) of the Atomic Energy Defense Act (50 U.S.C. 2512(b)), complete, to the extent practicable, the implementation of a common financial reporting system for the nuclear security enterprise.

(b) **ELEMENTS.**—The common financial reporting system implemented pursuant to subsection (a) shall include the following:

(1) Common data reporting requirements for work performed using funds of the National Nuclear Security Administration, including reporting of financial data by standardized labor categories, labor hours, functional elements, and cost elements.

(2) A common work breakdown structure for the Administration that aligns contractor work breakdown structures with the budget structure of the Administration.

(3) Definitions and methodologies for identifying and reporting costs for programs of records and base capabilities within the Administration.

(4) A capability to leverage, where appropriate, the Defense Cost Analysis Resource Center of the Office of Cost Assessment and Program Evaluation of the Department of Defense using historical costing data by the Administration.

(c) **REPORTS.**—

(1) **IN GENERAL.**—Not later than March 1, 2017, and annually thereafter, the Administrator shall, in consultation with the National Nuclear Security Administration Council, submit to the congressional defense committees a report on progress of the Administration toward implementing a common financial reporting system for the nuclear security enterprise as required by subsection (a).

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

(A) A summary of activities, accomplishments, challenges, benefits, and costs related to the implementation of a common financial reporting system for the nuclear security enterprise during the year preceding the year in which such report is submitted.

(B) A summary of planned activities in connection with the implementation of a common financial reporting system for the nuclear security enterprise in the year in which such report is submitted.

(C) A description of any anticipated modifications to the schedule for implementing a common financial reporting system for the nuclear security enterprise, including an update on possible risks, challenges, and costs related to such implementation.

(3) **TERMINATION.**—No report is required under this subsection after the completion of the implementation of a common financial reporting system for the nuclear security enterprise.

(d) **NUCLEAR SECURITY ENTERPRISE DEFINED.**—In this section, the term “nuclear security enterprise” has the meaning given that term in section 4002 of the Atomic Energy Defense Act (50 U.S.C. 2501).

SEC. 3114. ROUGH ESTIMATE OF TOTAL LIFE CYCLE COST OF TANK WASTE CLEANUP AT HANFORD NUCLEAR RESERVATION.

(a) **IN GENERAL.**—Not later than two years after the date of the enactment of this Act, the Secretary of Energy shall submit to the congressional defense committees a rough estimate of the total life cycle cost of the cleanup of tank waste at Hanford Nuclear Reservation, Richland, Washington.

(b) **ELEMENTS.**—The rough estimate of the total life cycle cost required by subsection (a) shall include cost estimates for the following:

(1) The Waste Treatment and Immobilization Plant, assuming a hot start occurs in 2033 and initial plant operations commence in 2036.

(2) Operations of the Waste Treatment and Immobilization Plant, assuming operations continue through 2061.

(3) Tank waste management and treatment, assuming operations of the Waste Treatment and Immobilization Plant continue through 2061.

(4) Anticipated increases in the volume of waste in the double shell tanks resulting from tank waste management activities.

(5) High-level waste canister temporary storage and preparation for permanent disposal.

(6) Any additional facilities, including additional evaporative capacity, that may be needed to treat tank waste at Hanford Nuclear Reservation.

(c) **COST ESTIMATING BEST PRACTICES.**—To the maximum extent practicable, the rough estimate of the total life cycle cost required by subsection (a) shall be developed in accordance with the cost estimating best practices of the Government Accountability Office.

(d) **SUBMISSION OF ADDITIONAL INDEPENDENT COST ESTIMATES.**—The Secretary shall submit to the congressional defense committees, as part of the rough estimate of the total life cycle cost required by subsection (a), any other independent cost estimates for the Waste Treatment and Immobilization Plant or related facilities conducted before the date on which the rough estimate of the total life cycle cost is required to be submitted under that subsection.

SEC. 3115. ANNUAL CERTIFICATION OF SHIPMENTS TO WASTE ISOLATION PILOT PLANT.

(a) *IN GENERAL.*—In order to ensure that waste shipments to the Waste Isolation Pilot Plant, Carlsbad, New Mexico (in this section referred to as “WIPP”) are packaged and handled properly to prevent the release of radiation or contamination above regulatory limits, the Secretary of Energy shall submit to the congressional defense committees, not later than February 1 of each year during the five-year period beginning on the date of the enactment of this Act, a written certification that—

(1) the Secretary knew of the contents of such shipments during the 12-month period preceding the date of the certification and has ensured that the Secretary will know of the contents of such shipments planned during the 12-month period following the date of the certification; and

(2) such shipments made during the 12-month period preceding the date of the certification were sufficiently safe and secure for transportation and disposal and the Secretary has ensured that such shipments planned during the 12-month period following the date of the certification will be sufficiently safe and secure for transportation and disposal.

(b) *ADDITIONAL ASSURANCES.*—The Secretary shall submit to the congressional defense committees, with the certification required by subsection (a), assurances that—

(1) the Carlsbad Field Office of the Department of Energy has certified that—

(A) the contents of each shipment of waste that arrived at WIPP during 12-month period preceding the date of the certification met the criteria for accepting waste at WIPP; and

(B) the Office will ensure that the waste destined for WIPP during the 12-month period following the date of the certification is packaged according to the criteria for accepting waste at WIPP;

(2) the Assistant Secretary of Energy for Environmental Management has reviewed and accepted the certification of the Carlsbad Field Office under paragraph (1); and

(3) the Administrator for Nuclear Security has ensured that waste destined for WIPP that was packaged at facilities of the National Nuclear Security Administration during the 12-month period preceding the date of the certification, and waste planned to be packaged at such facilities during the 12-month period following the date of the certification, and for which the Administration is responsible, meets the criteria for accepting waste at WIPP.

SEC. 3116. DISPOSITION OF WEAPONS-USABLE PLUTONIUM.

(a) *CONSTRUCTION AND PROJECT SUPPORT ACTIVITIES AT MOX FACILITY.*—

(1) *IN GENERAL.*—Using funds described in paragraph (2), the Secretary of Energy shall carry out construction and project support activities relating to the MOX facility.

(2) *FUNDS DESCRIBED.*—The funds described in this paragraph are the following:

(A) Funds authorized to be appropriated by this Act or otherwise made available for fiscal year 2017 for the Na-

tional Nuclear Security Administration for the MOX facility for construction and project support activities.

(B) Funds authorized to be appropriated for a fiscal year prior to fiscal year 2017 for the National Nuclear Security Administration for the MOX facility for construction and project support activities that are unobligated as of the date of the enactment of this Act.

(b) ASSESSMENT OF THE MOX FACILITY CONTRACT BY OWNER'S AGENT.—

(1) ARRANGEMENT WITH OWNER'S AGENT.—Not later than 30 days after the date of the enactment of this Act, the Secretary of Energy shall enter into an arrangement pursuant to sections 1535 and 1536 of title 31, United States Code, with the Chief of Engineers to act as an owner's agent with respect to preparing the report required by paragraph (2).

(2) REPORT OF OWNER'S AGENT.—

(A) IN GENERAL.—The Chief of Engineers shall prepare a report on the contract for the construction, management and operations of the MOX facility, as in effect on the date of the enactment of this Act, that includes the following:

(i) An assessment of the contractual, technical, and managerial risks for the Department of Energy and the contractor.

(ii) An assessment of what elements of the contract can be changed to—

(I) a fixed price provision;

(II) a fixed price incentive fee provision; or

(III) another contractual mechanism designed to minimize risk to the Department of Energy while reducing cost.

(iii) An assessment of the options under clause (ii), including milestones, cost, schedules, and any damage fees for those options.

(iv) Recommendations on changes to the contract, based on the assessments described in clauses (i), (ii), and (iii), to reduce risk and cost to the Department of Energy while preserving a fair and reasonable contract.

(v) For each element of the contract that the Chief of Engineers does not recommend be changed pursuant to clause (iv), an assessment of the risks and costs associated with that element and a description of why that element is not appropriate for the provision types described in clause (ii).

(B) CONSULTATIONS.—In preparing the report required by subparagraph (A), the Chief of Engineers shall consult with the Secretary, the contractor referred to in subparagraph (A)(i), and other knowledgeable parties, as the Chief of Engineers considers appropriate.

(C) SUBMISSION TO SECRETARY.—Not later than 30 days after entering into the arrangement under paragraph (1), the Chief of Engineers shall submit to the Secretary the report required by subparagraph (A).

(3) SUBMISSIONS BY DEPARTMENT OF ENERGY.—Not later than 60 days after receiving the report required by paragraph

(2), the Secretary shall transmit to the congressional defense committees and the Comptroller General of the United States—

(A) the report;

(B) any comments of the Secretary with respect to the report;

(C) a determination of whether the contractor referred to in paragraph (2)(A)(i) will or will not agree to the revisions to the contract recommended by the Chief of Engineers and offered by the Secretary to the contractor;

(D) if the contractor will not agree to such revisions, a description of the reasons given for not agreeing to such revisions; and

(E) any other materials relating to the potential modification of the contract that the Secretary considers appropriate.

(4) **BRIEFING BY GOVERNMENT ACCOUNTABILITY OFFICE.**—Not later than 30 days after receiving the report and other matters under paragraph (3), the Comptroller General of the United States shall brief the congressional defense committees on the actions taken by the Secretary under this subsection, to be followed by a written report not later than 120 days after the briefing is provided to Congress.

(c) **DEFINITIONS.**—In this section:

(1) **MOX FACILITY.**—The term “MOX facility” means the mixed-oxide fuel fabrication facility at the Savannah River Site, Aiken, South Carolina.

(2) **PROJECT SUPPORT ACTIVITIES.**—The term “project support activities” means activities that support the design, long-lead equipment procurement, and site preparation of the MOX facility.

SEC. 3117. DESIGN BASIS THREAT.

(a) **UPDATE TO ORDER.**—Not later than 30 days after the date of the enactment of this Act, the Secretary of Energy shall update Department of Energy Order 470.3B relating to the design basis threat for protecting nuclear weapons, special nuclear material, and other critical assets in the custody of the Department of Energy.

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

(1) the intelligence community (as defined in section 3(4) of the National Security Act of 1947 (50 U.S.C. 3003(4))) should promulgate regular, biannual updates to the Nuclear Security Threat Capabilities Assessment to better inform nuclear security postures within the Department of Defense and the Department of Energy;

(2) the Department of Defense and the Department of Energy should closely, and in real-time, track and assess national, regional, and local threats to the defense nuclear facilities of the respective Departments; and

(3) the Department of Defense and the Department of Energy should regularly review assessments and other input provided by activities described in paragraphs (1) and (2) and adjust security postures accordingly.

SEC. 3118. INDUSTRY BEST PRACTICES IN OPERATIONS AT NATIONAL NUCLEAR SECURITY ADMINISTRATION FACILITIES AND SITES.

(a) **COMMITTEE ON INDUSTRY BEST PRACTICES IN OPERATIONS.**—The Administrator for Nuclear Security shall establish within the National Nuclear Security Administration a committee (in this section referred to as the “committee”) to identify and oversee the implementation of best practices of industry in the operations of the facilities and sites of the Administration for the purposes of—

- (1) improving mission performance and effectiveness;
- (2) lowering costs and administrative burdens; and
- (3) also both—
 - (A) maintaining or reducing risks; and
 - (B) preserving and protecting health, safety, and security.

(b) **MEMBERSHIP.**—The committee shall be composed of personnel of the Administration assigned by the Administrator to the committee as follows:

- (1) The Principal Deputy Administrator for Nuclear Security, who shall serve as chair of the committee.
- (2) Government personnel representing the headquarters of the Administration.
- (3) Government personnel representing offices of facilities and sites of the Administration.
- (4) Contractor personnel representing the national security laboratories and the nuclear weapons production facilities (as those terms are defined in section 4002 of the Atomic Energy Defense Act (50 U.S.C. 2501)).
- (5) Such other personnel as the Administrator considers appropriate.

(c) **DUTIES.**—The duties of the committee shall include the following:

- (1) To identify and oversee the implementation of best practices of industry in the operations of the facilities and sites of the Administration for the purposes described in subsection (a).
- (2) To conduct surveys of the facilities and sites of the Administration in order to assess the adoption, implementation, and use by such facilities and sites of best practices of industry described in subsection (a).
- (3) To carry out such other activities consistent with the duties of the committee under this subsection as the Administrator may specify for purposes of this section.

(d) **ANNUAL REPORT.**—

(1) **IN GENERAL.**—Not later than 60 days after the date on which the budget of the President for a fiscal year after fiscal year 2017 is submitted to Congress pursuant to section 1105(a) of title 31, United States Code, the Administrator shall submit to the appropriate congressional committees a report on the activities of the committee under this section during the preceding calendar year.

(2) **ELEMENTS.**—Each report under this subsection shall include, for the calendar year covered by such report, the following:

- (A) A description of the activities of the committee.

(B) *The results of the surveys undertaken pursuant to subsection (c)(2).*

(C) *As a result of the surveys, recommendations for modifications to the scope or applicability of regulations and orders of the Department of Energy to particular facilities and sites of the Administration in order to implement best practices of industry in the operation of such facilities and sites, including—*

(i) *a list of the facilities and sites at which such regulations and orders could be so modified; and*

(ii) *for each such facility and site, the manner in which the scope or applicability of such regulations and orders could be so modified.*

(D) *An assessment of the progress of the Administration in implementing best practices of industry in the operations of the facilities and sites of the Administration.*

(E) *An estimate of the costs to be saved as a result of the best practices of industry implemented by the Administration at the facilities and sites of the Administration, set forth by fiscal year.*

(3) **APPROPRIATE CONGRESSIONAL COMMITTEES DEFINED.**—*In this subsection, the term “appropriate congressional committees” means—*

(A) *the congressional defense committees; and*

(B) *the Committee on Energy and Natural Resources of the Senate and the Committee on Energy and Commerce of the House of Representatives.*

(e) **TERMINATION.**—*The committee shall terminate after the submittal under subsection (d) of the report required by that subsection that covers 2021.*

SEC. 3119. PILOT PROGRAM ON UNAVAILABILITY FOR OVERHEAD COSTS OF AMOUNTS SPECIFIED FOR LABORATORY-DIRECTED RESEARCH AND DEVELOPMENT.

(a) **IN GENERAL.**—*The Secretary of Energy shall establish a pilot program under which each national security laboratory (as defined in section 4002 of the Atomic Energy Defense Act (50 U.S.C. 2501)) is prohibited from using funds described in subsection (b) to cover the costs of general and administrative overhead for the laboratory.*

(b) **FUNDS DESCRIBED.**—*The funds described in this subsection are funds made available for a national security laboratory under section 4811(c) of the Atomic Energy Defense Act (50 U.S.C. 2791(c)) for laboratory-directed research and development.*

(c) **DURATION.**—*The pilot program required by subsection (a) shall—*

(1) *take effect on the first day of the first fiscal year beginning after the date of the enactment of this Act; and*

(2) *terminate on the date that is three years after the day described in paragraph (1).*

(d) **REPORT REQUIRED.**—*Before the termination under subsection (c)(2) of the pilot program required by subsection (a), the Administrator for Nuclear Security shall submit to the congressional defense committees a report that assesses the costs, benefits, risks, and other effects of the pilot program.*

SEC. 3120. RESEARCH AND DEVELOPMENT OF ADVANCED NAVAL NUCLEAR FUEL SYSTEM BASED ON LOW-ENRICHED URANIUM.

(a) *PROHIBITION.*—Except as provided in subsection (b), none of the funds authorized to be appropriated by this Act or otherwise made available for fiscal year 2017 for the Department of Energy may be obligated or expended to plan or carry out research and development of an advanced naval nuclear fuel system based on low-enriched uranium.

(b) *EXCEPTION.*—Of the funds authorized to be appropriated by this Act or otherwise made available for fiscal year 2017 for defense nuclear nonproliferation, as specified in the funding table in division D, not more than \$5,000,000 shall be made available to the Deputy Administrator for Naval Reactors of the National Nuclear Security Administration for initial planning and early research and development of an advanced naval nuclear fuel system based on low-enriched uranium.

(c) *BUDGET MATTERS.*—Section 3118 of the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114–92; 129 Stat. 1196) is amended—

(1) in subsection (c), by striking paragraph (2) and inserting the following new paragraph:

“(2) *BUDGET REQUESTS.*—If the Secretaries determine under paragraph (1) that research and development of an advanced naval nuclear fuel system based on low-enriched uranium should continue, the Secretaries shall ensure that each budget of the President submitted to Congress under section 1105(a) of title 31, United States Code, for fiscal year 2018 and each fiscal year thereafter in which such research and development is carried out includes in the budget line item for the ‘Defense Nuclear Nonproliferation’ account amounts necessary to carry out the conceptual plan under subsection (b).”; and

(2) in subsection (d), by striking “for material management and minimization”.

SEC. 3121. INCREASE IN CERTAIN LIMITATIONS APPLICABLE TO FUNDS FOR CONCEPTUAL AND CONSTRUCTION DESIGN OF THE DEPARTMENT OF ENERGY.

(a) *REQUESTS FOR CONCEPTUAL DESIGN FUNDS.*—Subsection (a)(2) of section 4706 of the Atomic Energy Defense Act (50 U.S.C. 2746) is amended by striking “\$3,000,000” and inserting “\$5,000,000”.

(b) *CONSTRUCTION DESIGN.*—Subsection (b) of such section is amended by striking “\$1,000,000” each place it appears and inserting “\$2,000,000”.

SEC. 3122. PROHIBITION ON AVAILABILITY OF FUNDS FOR PROGRAMS IN RUSSIAN FEDERATION.

(a) *PROHIBITION.*—

(1) *IN GENERAL.*—None of the funds described in paragraph (2) may be obligated or expended to enter into a contract with, or otherwise provide assistance to, the Russian Federation.

(2) *FUNDS DESCRIBED.*—The funds described in this paragraph are the following:

(A) Funds authorized to be appropriated by this Act or otherwise made available for fiscal year 2017 for atomic energy defense activities.

(B) Funds authorized to be appropriated or otherwise made available for a fiscal year prior to fiscal year 2017 for atomic energy defense activities that are unobligated or unexpended as of the date of the enactment of this Act.

(b) **WAIVER.**—The Secretary of Energy, without delegation, may waive the prohibition in subsection (a)(1) only if—

(1) the Secretary determines, in writing, that a nuclear-related threat arising in the Russian Federation must be addressed urgently and it is necessary to waive the prohibition to address that threat;

(2) the Secretary of State and the Secretary of Defense concur in the determination under paragraph (1);

(3) the Secretary of Energy submits to the appropriate congressional committees a report containing—

(A) a notification that the waiver is in the national security interest of the United States;

(B) justification for the waiver, including the determination under paragraph (1); and

(C) a description of the activities to be carried out pursuant to the waiver, including the expected cost and timeframe for such activities; and

(4) a period of 15 days elapses following the date on which the Secretary submits the report under paragraph (3).

(c) **EXCEPTION.**—The prohibition under subsection (a)(1) and the requirements under subsection (b) to waive that prohibition shall not apply to an amount, not to exceed \$3,000,000, that the Secretary may make available for the Department of Energy Russian Health Studies Program.

(d) **APPROPRIATE CONGRESSIONAL COMMITTEES DEFINED.**—In this section, the term “appropriate congressional committees” means the following:

(1) The congressional defense committees.

(2) The Committee on Foreign Relations of the Senate and the Committee on Foreign Affairs of the House of Representatives.

SEC. 3123. LIMITATION ON AVAILABILITY OF FUNDS FOR FEDERAL SALARIES AND EXPENSES.

(a) **IN GENERAL.**—Of the funds authorized to be appropriated by this Act or otherwise made available for fiscal year 2017 for the National Nuclear Security Administration for defense-related Federal salaries and expenses, not more than 90 percent may be obligated or expended until the date on which the Secretary of Energy submits to the congressional defense committees and the congressional intelligence committees the following:

(1) The updated plan on the designing and building of prototypes of nuclear weapons that is required—

(A) by paragraph (2) of section 4509(a) of the Atomic Energy Defense Act (50 U.S.C. 2660(a)), to be developed by not later than the date on which the budget of the President for fiscal year 2018 is submitted to Congress; and

(B) by paragraph (3)(B) of such section, to be submitted to the congressional defense committees and the congressional intelligence committees.

(2) A description of the determination of the Secretary under paragraph (4)(B) of such section with respect to the man-

ner in which the designing and building of prototypes of nuclear weapons is carried out under such updated plan.

(b) **CONGRESSIONAL INTELLIGENCE COMMITTEES DEFINED.**—In this section, the term “congressional intelligence committees” means the Select Committee on Intelligence of the Senate and the Permanent Select Committee on Intelligence of the House of Representatives.

SEC. 3124. LIMITATION ON AVAILABILITY OF FUNDS FOR DEFENSE ENVIRONMENTAL CLEANUP PROGRAM DIRECTION.

Of the funds authorized to be appropriated by this Act or otherwise made available for fiscal year 2017 for defense environmental cleanup for program direction, not more than 90 percent may be obligated or expended until the date on which the Secretary of Energy submits to Congress the future-years defense environmental cleanup plan required to be submitted during 2017 under section 4402A of the Atomic Energy Defense Act (50 U.S.C. 2582a).

SEC. 3125. LIMITATION ON AVAILABILITY OF FUNDS FOR ACCELERATION OF NUCLEAR WEAPONS DISMANTLEMENT.

(a) **LIMITATION ON MAXIMUM AMOUNT FOR DISMANTLEMENT.**—Of the funds authorized to be appropriated by this Act or otherwise made available for any of fiscal years 2017 through 2021 for the National Nuclear Security Administration, not more than \$56,000,000 may be obligated or expended in each such fiscal year to carry out the nuclear weapons dismantlement and disposition activities of the Administration.

(b) **LIMITATION ON ACCELERATION OF DISMANTLEMENT ACTIVITIES.**—Except as provided by subsection (c), none of the funds authorized to be appropriated by this Act or otherwise made available for any of fiscal years 2017 through 2021 for the National Nuclear Security Administration may be obligated or expended to accelerate the nuclear weapons dismantlement activities of the United States to a rate that exceeds the rate described in the Stockpile Stewardship and Management Plan schedule.

(c) **EXCEPTION.**—The limitation in subsection (b) shall not apply to the following:

(1) The dismantlement of a nuclear weapon not covered by the Stockpile Stewardship and Management Plan schedule if the Administrator for Nuclear Security certifies, in writing, to the congressional defense committees that—

(A) the components of the nuclear weapon are directly required for the purposes of a current life extension program; or

(B) such dismantlement is necessary to conduct maintenance or surveillance of the nuclear weapons stockpile or to ensure the safety or reliability of the nuclear weapons stockpile.

(2) The dismantlement of a nuclear weapon if the President certifies, in writing, to the congressional defense committees that—

(A) such dismantlement is being carried out pursuant to a nuclear arms reduction treaty or similar international agreement that requires such dismantlement; and

(B) such treaty or similar international agreement—

(i) has entered into force after the date of the enactment of this Act; and

(ii) was approved—

(I) with the advice and consent of the Senate pursuant to clause 2 of section 2 of Article II of the Constitution of the United States after the date of the enactment of this Act; or

(II) by an Act of Congress, as described in section 303(b) of the Arms Control and Disarmament Act (22 U.S.C. 2573(b)).

(d) **STOCKPILE STEWARDSHIP AND MANAGEMENT PLAN SCHEDULE DEFINED.**—In this section, the term “Stockpile Stewardship and Management Plan schedule” means the schedule described in table 2–7 of the annex of the report titled “Fiscal Year 2016 Stockpile Stewardship and Management Plan” submitted in March 2015 by the Administrator for Nuclear Security to the congressional defense committees under section 4203(b)(2) of the Atomic Energy Defense Act (50 U.S.C. 2523(b)(2)).

Subtitle C—Plans and Reports

SEC. 3131. INDEPENDENT ASSESSMENT OF TECHNOLOGY DEVELOPMENT UNDER DEFENSE ENVIRONMENTAL CLEANUP PROGRAM.

(a) **ASSESSMENT.**—Not later than 60 days after the date of the enactment of this Act, the Secretary of Energy shall seek to enter into an agreement with the National Academy of Sciences to conduct an independent assessment of the technology development efforts of the defense environmental cleanup program of the Department of Energy.

(b) **ELEMENTS.**—The assessment under subsection (a) shall include the following:

(1) A review of the technology development efforts of the defense environmental cleanup program of the Department of Energy, including an assessment of the process by which the Secretary identifies and chooses technologies to pursue under the program.

(2) A comprehensive review and assessment of technologies or alternative approaches to defense environmental cleanup efforts that could—

(A) reduce the long-term costs of such efforts;

(B) accelerate schedules for carrying out such efforts;

(C) mitigate uncertainties, vulnerabilities, or risks relating to such efforts; or

(D) otherwise significantly improve the defense environmental cleanup program.

(c) **SUBMISSION.**—Not later than the date that is 18 months after the date of the enactment of this Act, the National Academy of Sciences shall submit to the congressional defense committees and the Secretary a report on the assessment under subsection (a).

SEC. 3132. UPDATED PLAN FOR VERIFICATION AND MONITORING OF PROLIFERATION OF NUCLEAR WEAPONS AND FISSILE MATERIAL.

(a) **UPDATED PLAN.**—

(1) **TRANSMISSION.**—Not later than 90 days after the date of the enactment of this Act, the President shall transmit to the appropriate congressional committees a comprehensive and detailed update to the plan developed under section 3133(a) of the

Carl Levin and Howard P. “Buck” McKeon National Defense Authorization Act for Fiscal Year 2015 (Public Law 113–291; 128 Stat. 3896) with respect to verification and monitoring relating to the potential proliferation of nuclear weapons, components of such weapons, and fissile material.

(2) *FORM.*—*The updated plan under paragraph (1) shall be transmitted in unclassified form, but may include a classified annex.*

(b) *LIMITATION.*—*Of the funds authorized to be appropriated by this Act or otherwise made available for fiscal year 2017 for the Department of Defense for supporting the Executive Office of the President, \$10,000,000 may not be obligated or expended until the date on which the President transmits to the appropriate congressional committees the updated plan under subsection (a)(1).*

(c) *BRIEFING.*—*Not later than 30 days after the date of the enactment of this Act, the President shall provide to the Committees on Armed Services of the Senate and House of Representatives (and any other appropriate congressional committee upon request) an interim briefing on the updated plan under subsection (a)(1).*

(d) *APPROPRIATE CONGRESSIONAL COMMITTEES DEFINED.*—*In this section, the term “appropriate congressional committees” means the following:*

- (1) *The congressional defense committees.*
- (2) *The Select Committee on Intelligence of the Senate and the Permanent Select Committee on Intelligence of the House of Representatives.*
- (3) *The Committee on Foreign Relations of the Senate and the Committee on Foreign Affairs of the House of Representatives.*
- (4) *The Committee on Homeland Security and Governmental Affairs of the Senate and the Committee on Homeland Security of the House of Representatives.*
- (5) *The Committee on Commerce, Science, and Transportation of the Senate and the Committee on Energy and Commerce of the House of Representatives.*

SEC. 3133. REPORT ON THE USE OF HIGHLY-ENRICHED URANIUM FOR NAVAL REACTORS.

(a) *REPORT.*—*Not later than 120 days after the date of the enactment of this Act, the Director of National Intelligence, in consultation with the Secretary of Defense, the Secretary of Energy, and the Secretary of State, shall, in accordance with the protection of sources and methods, submit to the appropriate congressional committees a report that includes the following:*

- (1) *An assessment on the current and anticipated intentions of countries producing or using highly-enriched uranium in naval reactors or considering the development of naval reactors.*
- (2) *An evaluation of the security measures each country producing or using highly-enriched uranium in naval reactors has in place.*
- (3) *An evaluation of the potential effects on nuclear non-proliferation efforts and the naval reactor programs and related actions of other countries if the United States pursued the development of an advanced low-enriched uranium fuel for certain United States naval reactors as described in the report of the Director of Naval Reactors to Congress, dated July 2016*

and entitled "Conceptual Research and Development Plan for Low-Enriched Uranium Naval Fuel".

(4) Such other information or updates as the Director of National Intelligence, the Secretary of Defense, the Secretary of Energy, and the Secretary of State consider appropriate.

(b) FORM.—The report required by subsection (a) shall be submitted in unclassified form, but may include a classified annex.

(c) APPROPRIATE CONGRESSIONAL COMMITTEES DEFINED.—In this section, the term "appropriate congressional committees" means—

- (1) the congressional defense committees;
- (2) the Select Committee on Intelligence of the Senate and the Permanent Select Committee on Intelligence of the House of Representatives; and
- (3) the Committee on Foreign Relations of the Senate and the Committee on Foreign Affairs of the House of Representatives.

SEC. 3134. ANALYSIS OF APPROACHES FOR SUPPLEMENTAL TREATMENT OF LOW-ACTIVITY WASTE AT HANFORD NUCLEAR RESERVATION.

(a) IN GENERAL.—Not later than 60 days after the date of the enactment of this Act, the Secretary of Energy shall enter into an arrangement with a federally funded research and development center to conduct an analysis of approaches for treating the portion of low-activity waste at the Hanford Nuclear Reservation, Richland, Washington, that, as of such date of enactment, is intended for supplemental treatment.

(b) ELEMENTS.—The analysis required by subsection (a) shall include the following:

(1) An analysis of, at a minimum, the following approaches for treating the low-activity waste described in subsection (a):

(A) Further processing of the low-activity waste to remove long-lived radioactive constituents, particularly technetium-99 and iodine-129, for immobilization with high-level waste.

(B) Vitrification, grouting, and steam reforming, and other alternative approaches identified by the Department of Energy for immobilizing the low-activity waste.

(2) An analysis of the following:

(A) The risks of the approaches described in paragraph (1) relating to treatment and final disposition.

(B) The benefits and costs of such approaches.

(C) Anticipated schedules for such approaches, including the time needed to complete necessary construction and to begin treatment operations.

(D) The compliance of such approaches with applicable technical standards associated with and contained in regulations prescribed pursuant to the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (42 U.S.C. 9601 et seq.), the Solid Waste Disposal Act (42 U.S.C. 6901 et seq.) (commonly referred to as the "Resource Conservation and Recovery Act of 1976"), the Federal Water Pollution Control Act (33 U.S.C. 1251 et seq.) (commonly referred to as the "Clean Water Act"), and the Clean Air Act (42 U.S.C. 7401 et seq.).

(E) Any obstacles that would inhibit the ability of the Department of Energy to pursue such approaches.

(c) REVIEW OF ANALYSIS.—

(1) IN GENERAL.—Concurrent with entering into an arrangement with a federally funded research and development center under subsection (a), the Secretary shall enter into an arrangement with the National Academies of Sciences, Engineering, and Medicine to conduct a review of the analysis conducted by the federally funded research and development center.

(2) METHOD OF REVIEW.—The review required by paragraph (1) shall be conducted concurrent with the analysis required by subsection (a), and in a manner that is parallel to that analysis, so that the results of the review may be used to improve the quality of the analysis.

(3) PUBLIC REVIEW.—In conducting the review required paragraph (1), the National Academies of Sciences, Engineering, and Medicine shall provide an opportunity for public comment, with sufficient notice, to inform and improve the quality of the review.

(d) CONSULTATION WITH STATE.—Prior to the submission in accordance with subsection (e)(2) of the analysis required by subsection (a) and the review of the analysis required by subsection (c), the federally funded research and development center and the National Academies of Sciences, Engineering, and Medicine shall provide to the State of Washington—

(1) the analysis and review in draft form; and

(2) an opportunity to comment on the analysis and review for a period of not less than 60 days.

(e) SUBMISSION TO CONGRESS.—

(1) BRIEFINGS ON PROGRESS.—Not later than 180 days after the date of the enactment of this Act, and every 180 days thereafter until the materials described in paragraph (2) are submitted in accordance with that paragraph, the Secretary shall provide to the congressional defense committees a briefing on the progress being made on the analysis required by subsection (a) and the review of the analysis required by subsection (c).

(2) COMPLETED ANALYSIS AND REVIEW.—Not later than two years after the date of the enactment of this Act, the Secretary shall submit to the congressional defense committees the analysis required by subsection (a), the review of the analysis required by subsection (c), any comments of the State of Washington under subsection (d)(2), and any comments of the Secretary on the analysis or the review of the analysis.

(f) LIMITATIONS.—

(1) SECRETARY OF ENERGY.—This section does not conflict with or impair the obligation of the Secretary to comply with any requirement of—

(A) the amended consent decree in *Washington v. Moniz*, No. 2:08-CV-5085-RMP (E.D. Wash.); or

(B) the Hanford Federal Facility Agreement and Consent Order.

(2) STATE OF WASHINGTON.—This section does not conflict with or impair the regulatory authority of the State of Washington under the Solid Waste Disposal Act (42 U.S.C. 6901 et

seq.) (commonly referred to as the “Resource Conservation and Recovery Act of 1976”) and any corresponding State law.

SEC. 3135. CLARIFICATION OF ANNUAL REPORT AND CERTIFICATION ON STATUS OF SECURITY OF ATOMIC ENERGY DEFENSE FACILITIES.

Section 4506(b)(1)(B) of the Atomic Energy Defense Act (50 U.S.C. 2657(b)(1)(B)) is amended to read as follows:

“(B) written certification that such facilities are secure and that the security measures at such facilities meet the security standards and requirements of the Department of Energy.”.

SEC. 3136. REPORT ON SERVICE SUPPORT CONTRACTS AND AUTHORITY FOR APPOINTMENT OF CERTAIN PERSONNEL.

(a) ANNUAL REPORT ON SERVICE SUPPORT CONTRACTS.—Section 3241A(f) of the National Nuclear Security Administration Act (50 U.S.C. 2441a(f)) is amended by adding at the end the following new paragraph:

“(5) With respect to each contract identified under paragraph (2)—

“(A) the cost of the contract; and

“(B) identification of the program or program direction accounts that support the contract.”.

(b) EXTENSION OF AUTHORITY FOR APPOINTMENT OF CERTAIN PERSONNEL.—Section 4601(c)(1) of the Atomic Energy Defense Act (50 U.S.C. 2701(c)(1)) is amended by striking “2016” and inserting “2020”.

SEC. 3137. ELIMINATION OF CERTAIN REPORTING REQUIREMENTS.

(a) REPORTS ON PLAN TO PROTECT AGAINST INADVERTENT RELEASE OF RESTRICTED DATA AND FORMERLY RESTRICTED DATA.—Section 4522 of the Atomic Energy Defense Act (50 U.S.C. 2672) is amended—

(1) by striking subsection (e); and

(2) by redesignating subsection (f) as subsection (e).

(b) GAO REPORT ON PROGRAM ON SCIENTIFIC ENGAGEMENT FOR NONPROLIFERATION.—Section 3122 of the National Defense Authorization Act for Fiscal Year 2013 (Public Law 112–239; 50 U.S.C. 2571 note) is amended—

(1) in subsection (b)(1), by striking “, and to the Comptroller General of the United States,”;

(2) by striking subsection (e); and

(3) by redesignating subsections (f) and (g) as subsections (e) and (f), respectively.

(c) GAO STUDY ON ADEQUACY OF BUDGET REQUESTS WITH RESPECT TO MODERNIZATION AND REFURBISHMENT OF NUCLEAR WEAPONS STOCKPILE.—Section 3255 of the National Nuclear Security Administration Act (50 U.S.C. 2455) is amended—

(1) by redesignating subsection (b) as subsection (c); and

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

“(b) TEMPORARY SUSPENSION.—The requirements of subsection (a) shall not apply with respect to the nuclear security budget materials submitted for fiscal year 2018 or 2019.”.

(d) STRATEGY ON RISKS TO NONPROLIFERATION CAUSED BY ADDITIVE MANUFACTURING.—Section 3139(b) of the National Defense

Authorization Act for Fiscal Year 2016 (Public Law 114-92; 129 Stat. 1215; 50 U.S.C. 2367 note) is amended to read as follows:

“(b) BRIEFINGS.—

“(1) IN GENERAL.—Not later than March 31, 2016, and annually thereafter through 2019, the President shall provide to the appropriate congressional committees a briefing on the strategy developed under subsection (a).

“(2) INTERIM BRIEFINGS.—In addition to the briefings required by paragraph (1), the President shall provide to the appropriate congressional committees a notification or briefing if there is a development in additive manufacture technology, or increased use of additive manufacture technology, that could pose an increased risk to the United States from nuclear proliferation.”.

SEC. 3138. REPORT ON UNITED STATES NUCLEAR DETERRENCE.

(a) IN GENERAL.—Not later than 15 days after the date of the enactment of this Act, the Secretary of Energy shall, consistent with the protection of sources and methods, submit to the appropriate congressional committees the full, unredacted report, and any related materials, titled “U.S. Nuclear Deterrence in the Coming Decades”, dated August 15, 2014.

(b) COVER LETTER.—The Secretary may submit to the appropriate congressional committees, with the report submitted under subsection (a), a cover letter containing any views or perspectives of the Secretary on the report or related matters.

(c) APPROPRIATE CONGRESSIONAL COMMITTEES DEFINED.—In this section, the term “appropriate congressional committees” means—

- (1) the congressional defense committees; and*
- (2) the Select Committee on Intelligence of the Senate and the Permanent Select Committee on Intelligence of the House of Representatives.*

TITLE XXXII—DEFENSE NUCLEAR FACILITIES SAFETY BOARD

Sec. 3201. Authorization.

SEC. 3201. AUTHORIZATION.

There are authorized to be appropriated for fiscal year 2017, \$31,000,000 for the operation of the Defense Nuclear Facilities Safety Board under chapter 21 of the Atomic Energy Act of 1954 (42 U.S.C. 2286 et seq.).

TITLE XXXIV—NAVAL PETROLEUM RESERVES

Sec. 3401. Authorization of appropriations.

SEC. 3401. AUTHORIZATION OF APPROPRIATIONS.

(a) AMOUNT.—There are hereby authorized to be appropriated to the Secretary of Energy \$14,950,000 for fiscal year 2017 for the purpose of carrying out activities under chapter 641 of title 10, United States Code, relating to the naval petroleum reserves.

(b) PERIOD OF AVAILABILITY.—Funds appropriated pursuant to the authorization of appropriations in subsection (a) shall remain available until expended.

TITLE XXXV—MARITIME MATTERS

Subtitle A—Maritime Administration, Coast Guard, and Shipping Matters

Sec. 3501. Authorization of the Maritime Administration.

- Sec. 3502. *Authority to extend certain age restrictions relating to vessels in the Maritime Security Fleet.*
- Sec. 3503. *Corrections to provisions enacted by Coast Guard Authorization Acts.*
- Sec. 3504. *Status of National Defense Reserve Fleet vessels.*
- Sec. 3505. *NDRF national security multi-mission vessel.*
- Sec. 3506. *Superintendent of United States Merchant Marine Academy.*
- Sec. 3507. *Use of National Defense Reserve Fleet scrapping proceeds.*
- Sec. 3508. *Floating dry docks.*
- Sec. 3509. *Transportation worker identification credentials for individuals undergoing separation, discharge, or release from the Armed Forces.*
- Sec. 3510. *Actions to address sexual harassment and sexual assault at the United States Merchant Marine Academy.*
- Sec. 3511. *Sexual assault response coordinators and sexual assault victim advocates.*
- Sec. 3512. *Report from the Department of Transportation Inspector General.*
- Sec. 3513. *Sexual assault prevention and response working group.*
- Sec. 3514. *Sea Year compliance.*
- Sec. 3515. *State maritime academy physical standards and reporting.*
- Sec. 3516. *Appointments.*
- Sec. 3517. *Maritime workforce working group.*
- Sec. 3518. *Maritime extreme weather task force.*
- Sec. 3519. *Workforce plans and onboarding policies.*
- Sec. 3520. *Drug and alcohol policy.*
- Sec. 3521. *Vessel transfers.*
- Sec. 3522. *Clarifying amendment; continuation boards.*
- Sec. 3523. *Polar icebreaker recapitalization plan.*
- Sec. 3524. *GAO report on icebreaking capability in United States.*

Subtitle B—Pribilof Islands Transition Completion

- Sec. 3531. *Short title.*
- Sec. 3532. *Conveyance of property.*
- Sec. 3533. *Transfer, use, and disposal of tract 43.*

Subtitle C—Sexual Harassment and Assault Prevention at the National Oceanic and Atmospheric Administration

- Sec. 3541. *Actions to address sexual harassment at National Oceanic and Atmospheric Administration.*
- Sec. 3542. *Actions to address sexual assault at National Oceanic and Atmospheric Administration.*
- Sec. 3543. *Rights of the victim of a sexual assault.*
- Sec. 3544. *Change of station.*
- Sec. 3545. *Applicability of policies to crews of vessels secured by National Oceanic and Atmospheric Administration under contract.*
- Sec. 3546. *Annual report on sexual assaults in the National Oceanic and Atmospheric Administration.*
- Sec. 3547. *Sexual assault defined.*

Subtitle A—Maritime Administration, Coast Guard, and Shipping Matters

SEC. 3501. AUTHORIZATION OF THE MARITIME ADMINISTRATION.

There are authorized to be appropriated to the Department of Transportation for fiscal year 2017, 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, \$99,902,000, of which—*
 - (A) *\$74,851,000 shall be for Academy operations; and*
 - (B) *\$25,051,000 shall remain available until expended for capital asset management at the Academy.*
- (2) *For expenses necessary to support the State maritime academies, \$29,550,000, of which—*

- (A) \$2,400,000 shall remain available until September 30, 2018, for the Student Incentive Program;
- (B) \$3,000,000 shall remain available until expended for direct payments to such academies;
- (C) \$22,000,000 shall remain available until expended for maintenance and repair of State maritime academy training vessels;
- (D) \$1,800,000 shall remain available until expended for training ship fuel assistance; and
- (E) \$350,000 shall remain available until expended for expenses to improve the monitoring of the service obligations of graduates.
- (3) For expenses necessary to support the National Security Multi-Mission Vessel Program, \$36,000,000, which shall remain available until expended.
- (4) For expenses necessary to support Maritime Administration operations and programs, \$58,694,000.
- (5) For expenses necessary to dispose of vessels in the National Defense Reserve Fleet, \$20,000,000, which shall remain available until expended.
- (6) For expenses necessary to maintain and preserve a United States flag merchant marine to serve the national security needs of the United States under chapter 531 of title 46, United States Code, \$299,997,000.
- (7) For expenses necessary to provide assistance for small shipyards and maritime communities under section 54101 of title 46, United States Code, \$30,000,000, of which—
- (A) \$5,000,000 shall remain available until expended for training grants; and
- (B) \$25,000,000 shall remain available until expended for capital and related improvements.
- (8) For administrative expenses associated with the program authorized by chapter 537 of title 46, United States Code, \$3,000,000, which shall remain available until expended.

SEC. 3502. AUTHORITY TO EXTEND CERTAIN AGE RESTRICTIONS RELATING TO VESSELS IN THE MARITIME SECURITY FLEET.

(a) **AUTHORITY.**—

(1) **IN GENERAL.**—Section 53102 of title 46, United States Code, is amended by adding at the end the following:

“(g) **AUTHORITY TO EXTEND MAXIMUM SERVICE AGE FOR VESSEL.**—The Secretary of Defense, in conjunction with the Secretary of Transportation, may, for a particular participating fleet vessel, treat the ages specified in section 53101(5)(A)(ii) and section 53106(c)(3) as increased by up to 5 years if the Secretaries jointly determine that it is in the national interest to do so.”

(2) **CONFORMING AMENDMENT.**—The heading of subsection (f) of such section is amended to read as follows: “**AUTHORITY TO WAIVE AGE RESTRICTION FOR ELIGIBILITY OF A VESSEL TO BE INCLUDED IN FLEET.**—”

(b) **REPEAL OF REDUNDANT AGE LIMITATION.**—Section 53106(c)(3) of such title is amended—

(1) in subparagraph (A), by striking “or (C);” and inserting “; or”;

(2) in subparagraph (B), by striking “; or” and inserting a period; and

(3) by striking subparagraph (C).

SEC. 3503. CORRECTIONS TO PROVISIONS ENACTED BY COAST GUARD AUTHORIZATION ACTS.

(a) **SHORT TITLE CORRECTION.**—The Coast Guard Authorization Act of 2015 (Public Law 114–120) is amended by striking “Coast Guard Authorization Act of 2015” each place it appears (including in quoted material) and inserting “Coast Guard Authorization Act of 2016”.

(b) **TITLE 46, UNITED STATES CODE.**—

(1) **EXAM REVIEW.**—Section 7510(c) of title 46, United States Code, is amended—

(A) in paragraph (1)(D), by striking “engine” and inserting “engineer”; and

(B) in paragraph (9), by inserting a period after “App”.

(2) **VESSEL CERTIFICATION.**—Section 4503(f)(2) of title 46, United States Code, is amended by striking “, that” and inserting “, then”.

(c) **PROVISIONS RELATING TO THE PRIBILOF ISLANDS.**—Section 521 of the Coast Guard Authorization Act of 2016 (Public Law 114–120), as amended by subsection (a), is amended by striking “2015” and inserting “2016”.

(d) **TITLE 14, UNITED STATES CODE.**—

(1) **REDISTRIBUTION OF AUTHORIZATIONS OF APPROPRIATIONS.**—Section 2702 of title 14, United States Code, is amended—

(A) in paragraph (1)(B), by striking “\$6,981,036,000” and inserting “\$6,986,815,000”; and

(B) in paragraph (3)(B), by striking “\$140,016,000” and inserting “\$134,237,000”.

(2) **CLERICAL AMENDMENT.**—The analysis at the beginning of part III of title 14, United States Code, is amended by striking the period at the end of the item relating to chapter 29.

(e) **EFFECTIVE DATE.**—The amendments made by this section shall take effect as if included in the enactment of Public Law 114–120.

SEC. 3504. STATUS OF NATIONAL DEFENSE RESERVE FLEET VESSELS.

Section 11 of the Merchant Ship Sales Act of 1946 (50 U.S.C. 4405) is amended—

(1) in subsection (a), by adding at the end the following: “Vessels in the National Defense Reserve Fleet, including vessels loaned to State maritime academies, shall be considered public vessels of the United States.”; and

(2) by adding at the end the following:

“(g) **VESSEL STATUS.**—A vessel in the National Defense Reserve Fleet determined by the Maritime Administration to be of insufficient value to remain in the National Defense Reserve Fleet shall remain a vessel within the meaning of that term in section 3 of title 1, United States Code, and subject to the rights and responsibilities of a vessel under admiralty law at least until such time as the vessel is delivered to a dismantling facility or is disposed of otherwise from the National Defense Reserve Fleet.”.

SEC. 3505. NDRF NATIONAL SECURITY MULTI-MISSION VESSEL.

(a) **IN GENERAL.**—The Secretary of Transportation, in consultation with the Chief of Naval Operations and the Commandant of

the Coast Guard, shall ensure that the Maritime Administrator takes all necessary actions—

(1) to complete the design of a national security multi-mission vessel for the National Defense Reserve Fleet to allow for the construction of such vessel to begin in fiscal year 2018; and

(2) subject to the availability of appropriations, to have an entity enter into a contract for the construction of such vessel in accordance with this section.

(b) *USE OF VESSEL.*—A vessel constructed pursuant to this section shall be for use—

(1) as a training vessel that can be provided to State maritime academies under section 51504(b) of title 46, United States Code; and

(2) in conducting humanitarian assistance, disaster response, domestic and foreign emergency contingency operations, and other authorized uses of vessels of the National Defense Reserve Fleet.

(c) *CONSTRUCTION AND DOCUMENTATION REQUIREMENTS.*—A vessel constructed pursuant to this section shall meet the requirements for and be issued a certificate of documentation and a coastwise endorsement under chapter 121 of title 46, United States Code.

(d) *DESIGN STANDARDS AND CONSTRUCTION PRACTICES.*—Subject to subsection (c), a vessel constructed pursuant to this section shall be constructed using commercial design standards and commercial construction practices that are consistent with the best interests of the Federal Government.

(e) *CONSULTATION WITH OTHER FEDERAL ENTITIES.*—The Maritime Administrator may consult and coordinate with the Secretary of the Navy regarding the vessel described in subsection (a) and activities associated with such vessel.

(f) *CONTRACTING.*—The Maritime Administrator shall provide for an entity other than the Maritime Administration to contract for the construction of the vessel described in subsection (a).

(g) *REPEAL OF PLAN APPROVAL REQUIREMENT.*—Section 109(j)(3) of title 49, United States Code, is repealed.

SEC. 3506. SUPERINTENDENT OF UNITED STATES MERCHANT MARINE ACADEMY.

(a) *IN GENERAL.*—Section 51301 of title 46, United States Code, is amended by adding at the end the following:

“(c) *SUPERINTENDENT.*—

“(1) *IN GENERAL.*—The immediate command of the United States Merchant Marine Academy shall be in the Superintendent of the Academy, subject to the direction of the Maritime Administrator under the general supervision of the Secretary of Transportation.

“(2) *APPOINTMENT.*—The Secretary of Transportation shall appoint as the Superintendent—

“(A) an individual who has—

“(i) attained a general or flag officer rank in the Navy, Army, Air Force, Marine Corps, Coast Guard, or National Oceanic and Atmospheric Administration; and

“(ii) served at sea in any rank;

“(B) an individual who has—

“(i)(I) served at sea in the Navy, Army, Air Force, Marine Corps, Coast Guard, or National Oceanic and Atmospheric Administration; or

“(II) held a valid Coast Guard merchant mariner credential; and

“(ii) demonstrated exemplary leadership in the education of individuals in the Armed Forces or United States merchant marine; or

“(C) if a qualified individual described in subparagraph (A) or (B) does not apply for the position, an individual who has—

“(i) attained the grade of captain or above in the Navy, Coast Guard, or National Oceanic and Atmospheric Administration or colonel or above in the Army, Air Force, or Marine Corps; and

“(ii) served at sea in any grade.

“(3) **RULE OF CONSTRUCTION.**—Notwithstanding paragraph (2), the Secretary of Transportation may appoint an individual who is the best qualified candidate, even if such individual does not fully meet the criteria described in paragraph (2).”

(b) **SAVINGS CLAUSE.**—Nothing in this section may be construed to require any change to the current leadership of the United States Merchant Marine Academy.

SEC. 3507. USE OF NATIONAL DEFENSE RESERVE FLEET SCRAPPING PROCEEDS.

(a) **FUNDING ALLOCATION.**—Section 308704 of title 54, United States Code, is amended—

(1) in subsection (a)(1), by amending subparagraph (C) to read as follows:

“(C) The remainder shall be available to the Secretary to carry out the Program, as provided in subsection (b).”; and

(2) in subsection (b), by amending paragraph (1) to read as follows:

“(1) **ALLOCATION.**—

“(A) **IN GENERAL.**—Except as provided in subparagraph (B) and paragraph (2), of the amounts available each fiscal year for the Program under subsection (a)(1)(C)—

“(i) 50 percent shall be used for grants under section 308703(b); and

“(ii) 50 percent shall be used for grants under section 308703(c).

“(B) **SET ASIDE.**—

“(i) **IN GENERAL.**—Not less than 25 percent of the amounts available each fiscal year for the Program under subsection (a)(1)(C) shall be used for the preservation and presentation to the public of the maritime heritage property of the Maritime Administration.

“(ii) **DIRECT TRANSFERS.**—The Secretary may provide amounts used for the preservation and presentation to the public of the maritime heritage property of the Maritime Administration through direct transfers to the Maritime Administration.

“(iii) **WAIVER.**—The Maritime Administrator may waive the application of clause (i) for any fiscal year.”

(b) *CONFORMING AMENDMENT.*—Section 308703(c)(1) of title 54, United States Code, is amended by striking “under section 308704(b)(1)(B)” and inserting “under section 308704(b)(1)(A)”.

(c) *REPORTING REQUIREMENT.*—Section 308703(j) of title 54, United States Code, is amended—

(1) in the matter preceding paragraph (1), by striking “Congress” and inserting “the Committee on Commerce, Science, and Transportation of the Senate, the Committee on Energy and Natural Resources of the Senate, the Committee on Natural Resources of the House of Representatives, the Committee on Armed Services of the House of Representatives, and the Committee on Transportation and Infrastructure of the House of Representatives”;

(2) by redesignating paragraphs (1), (2), and (3) as paragraphs (2), (3), and (4), respectively;

(3) by inserting before paragraph (2), as redesignated, the following:

“(1) the total number of grant applications submitted and approved under the Program in the period covered by the report;” and

(4) in paragraph (2), as redesignated, by inserting “detailed” before “description”.

(d) *ANNUAL REPORT BY THE MARITIME ADMINISTRATION.*—

(1) *IN GENERAL.*—Not later than January 1 of each year, the Maritime Administrator shall submit to the Committee on Commerce, Science, and Transportation of the Senate and the Committee on Armed Services and the Committee on Transportation and Infrastructure of the House of Representatives a report on the management of the Ship Disposal program of the Maritime Administration.

(2) *CONTENTS.*—Each report under paragraph (1) shall include—

(A) the total amount of funds, attributable to the Ship Disposal program of the Maritime Administration, credited in the most recently completed fiscal year to—

(i) the Vessel Operations Revolving Fund established by section 50301(a) of title 46, United States Code; and

(ii) any other account;

(B) the balance of funds available at the end of that fiscal year in—

(i) the Vessel Operations Revolving Fund; and

(ii) any other account for which a credited amount was included under subparagraph (A)(ii);

(C) a detailed description of the funds credited to and distributions from the Vessel Operations Revolving Fund in that fiscal year; and

(D) a summary of each maritime heritage project selected by the Maritime Administrator, for preservation and presentation to the public of the Maritime Administration’s maritime heritage property, for which funds from the Vessel Operations Revolving Fund were expended in that fiscal year.

(e) *ASSESSMENTS BY THE MARITIME ADMINISTRATION.*—

(1) *IN GENERAL.*—Not later than 1 year after the date of the enactment of this Act, and biennially thereafter, the Maritime Administrator shall complete an assessment of the Ship Disposal program of the Maritime Administration.

(2) *CONTENTS.*—Each assessment under paragraph (1) shall include—

(A) an inventory of each vessel, subject to a disposal agreement or a memorandum of agreement with another Federal agency relating to the disposal of the vessel, for which the Maritime Administration is acting as the disposal agency, including—

(i) the age of the vessel; and

(ii) the name of the Federal agency that has or had custody over the vessel prior to any disposal agreement or memorandum of agreement with the Maritime Administration;

(B) an inventory of each vessel of a Federal agency that may meet the criteria for the Maritime Administration to act as the disposal agency, including—

(i) the age of the vessel;

(ii) the name of the applicable Federal agency; and

(iii) whether the vessel is expected to be declared obsolete and dismantled in the next 5 years;

(C) a plan to serve as the disposal agency, as appropriate, for the vessels described in subparagraph (B);

(D) a plan for the timely distribution of the proceeds that the Maritime Administration currently has in ship disposal accounts;

(E) a projection of future distributions of such proceeds; and

(F) any other assessment related to the Ship Disposal program that the Maritime Administrator determines appropriate.

(3) *INCLUSION IN THE ANNUAL REPORT.*—A detailed description of the results of each assessment under paragraph (1) shall be included in the annual report under subsection (d) for the year in which the assessment was completed.

(f) *CESSATION OF EFFECTIVENESS.*—Subsections (d) and (e) of this section shall cease to be effective on the date that is 5 years and 1 day after the date of the enactment of this Act.

SEC. 3508. FLOATING DRY DOCKS.

Section 55122 of title 46, United States Code, is amended—

(1) by redesignating subsection (b) as subsection (c); and

(2) by inserting after subsection (a) the following:

“(b) **DRY DOCKS FOR CONSTRUCTION OF CERTAIN NAVAL VESSELS.**—

“(1) *IN GENERAL.*—In applying subsection (a) to a floating dry dock used for the construction of naval vessels in a shipyard located in the United States, the ownership and operation requirement in paragraph (1)(B) of that subsection shall be treated as satisfied and ‘December 19, 2017’ shall be substituted for the date referred to in paragraph (1)(C) of that subsection if the Secretary of the Navy determines that—

“(A) such dry dock is necessary for the timely completion of such construction; and

“(B) such dry dock—

“(i) is owned and operated by—

“(I) a shipyard located in the United States that is an eligible owner specified under section 12103(b); or

“(II) an affiliate of such a shipyard; or

“(ii) is—

“(I) owned by the State in which the shipyard is located or a political subdivision of that State; and

“(II) operated by a shipyard located in the United States that is an eligible owner specified under section 12103(b).

“(2) NOTICE TO CONGRESS.—Not later than 30 days after making a determination under paragraph (1), the Secretary of the Navy shall notify the Committee on Armed Services and the Committee on Transportation and Infrastructure of the House of Representatives and the Committee on Armed Services and the Committee on Commerce, Science, and Transportation of the Senate of such determination.”.

SEC. 3509. TRANSPORTATION WORKER IDENTIFICATION CREDENTIALS FOR INDIVIDUALS UNDERGOING SEPARATION, DISCHARGE, OR RELEASE FROM THE ARMED FORCES.

(a) IN GENERAL.—Section 70105 of title 46, United States Code, is amended—

(1) in subsection (b)(2), by striking “and” after the semicolon at the end of subparagraph (F), by redesignating subparagraph (G) as subparagraph (H), and by inserting after subparagraph (F) the following:

“(G) a member of the Armed Forces who—

“(i) is undergoing separation, discharge, or release from the Armed Forces under honorable conditions;

“(ii) applies for a transportation security card; and

“(iii) is otherwise eligible for such a card; and”;

(2) by amending subsection (j) to read as follows:

“(j) PRIORITY PROCESSING FOR SEPARATING SERVICE MEMBERS.—(1) The Secretary and the Secretary of Defense shall enter into a memorandum of understanding regarding the submission and processing of applications for transportation security cards under subsection (b)(2)(G).

“(2) Not later than 30 days after the submission of such an application by an individual who is eligible to submit such an application, the Secretary shall process and approve or deny the application unless an appeal or waiver applies or further application documentation is necessary.”.

(b) DEADLINE FOR MEMORANDUM.—The Secretary of the department in which the Coast Guard is operating and the Secretary of Defense shall enter into the memorandum of understanding required by the amendment made by subsection (a)(2) by not later than 180 days after the date of the enactment of this Act.

(c) APPLICATION OF PROCESSING DEADLINE.—Section 70105(j)(2) of title 46, United States Code, as amended by this section, shall apply to applications for transportation security cards submitted after the expiration of the 180-day period beginning on the date of the enactment of this Act.

*(d) REPORTS.—**(1) INITIAL REPORT.—*

(A) REQUIREMENT.—Not later than 1 year after the date of the enactment of this Act, the Secretary of Defense and the Secretary of Homeland Security shall jointly submit a report described in subparagraph (B) to the Committee on Armed Services, the Committee on Commerce, Science, and Transportation, and the Committee on Homeland Security and Governmental Affairs of the Senate and the Committee on Armed Services, the Committee on Homeland Security, and the Committee on Transportation and Infrastructure of the House of Representatives.

(B) CONTENTS.—The report under subparagraph (A) shall include the following:

(i) The memorandum of understanding required by section 70105(j)(1) of title 46, United States Code, as amended by this section.

(ii) The number of individuals eligible to apply for a transportation security card under section 70105(b)(2)(G) of title 46, United States Code, as amended by this section, the number of such individuals who applied for such a card, and the number of such individuals who have been issued such a card, as of the date of the report.

(iii) If the Secretary failed to process and approve or deny any applications received from individuals eligible to apply for such a card under such section before the deadline specified in section 70105(j)(2) of such title, as amended by this section, a description of the reasons for the failure and of the actions being taken to assure that future applications are processed and issued or denied within such deadline.

(2) SUBSEQUENT REPORT.—Not later than 2 years after the date of enactment of this Act, the Secretary of Defense and the Secretary of Homeland Security shall jointly submit a report to such Committees containing the information described in clauses (ii) and (iii) of paragraph (1)(B).

SEC. 3510. ACTIONS TO ADDRESS SEXUAL HARASSMENT AND SEXUAL ASSAULT AT THE UNITED STATES MERCHANT MARINE ACADEMY.

(a) POLICY.—Chapter 513 of title 46, United States Code, is amended by adding at the end the following:

“§ 51318. Policy on sexual harassment and sexual assault

“(a) REQUIRED POLICY.—

“(1) IN GENERAL.—The Secretary of Transportation shall direct the Superintendent of the United States Merchant Marine Academy to prescribe a policy on sexual harassment and sexual assault applicable to the cadets and other personnel of the Academy.

“(2) MATTERS TO BE SPECIFIED IN POLICY.—The policy on sexual harassment and sexual assault prescribed under this subsection shall include—

“(A) a program to promote awareness of the incidence of rape, acquaintance rape, and other sexual offenses of a

criminal nature that involve cadets or other Academy personnel;

“(B) procedures that a cadet or other Academy personnel should follow in the case of an occurrence of sexual harassment or sexual assault, including—

“(i) specifying the person or persons to whom an alleged occurrence of sexual harassment or sexual assault should be reported by the victim and the options for confidential reporting;

“(ii) specifying any other person whom the victim should contact; and

“(iii) procedures on the preservation of evidence potentially necessary for proof of criminal sexual assault;

“(C) a procedure for disciplinary action in cases of alleged criminal sexual assault involving a cadet or other Academy personnel;

“(D) any other sanction authorized to be imposed in a substantiated case of sexual harassment or sexual assault involving a cadet or other Academy personnel in rape, acquaintance rape, or any other criminal sexual offense, whether forcible or nonforcible;

“(E) procedures through which—

“(i) questions regarding sexual harassment or sexual assault can be confidentially asked and confidentially answered;

“(ii) victims can report incidents of sexual assault confidentially; and

“(iii) the privacy of victims of sexual harassment and sexual assault will be protected; and

“(F) required training on the policy for all cadets and other Academy personnel, including the specific training required for personnel who process allegations of sexual harassment or sexual assault involving Academy personnel.

“(3) AVAILABILITY OF POLICY.—The Secretary shall ensure that the policy developed under this subsection is available to—

“(A) all cadets and employees of the Academy; and

“(B) the public.

“(4) CONSULTATION AND ASSISTANCE.—In developing the policy under this subsection, the Secretary may consult with or receive assistance from such Federal, State, local, and national organizations and subject matter experts as the Secretary considers appropriate.

“(b) DEVELOPMENT PROGRAM.—

“(1) IN GENERAL.—The Secretary shall ensure that the development program of the Academy includes a section that—

“(A) describes the relationship between honor, respect, and character development and the prevention of sexual harassment and sexual assault at the Academy;

“(B) includes a brief history of the problem of sexual harassment and sexual assault in the merchant marine, in the Armed Forces, and at the Academy; and

“(C) includes information relating to reporting sexual harassment and sexual assault, victims’ rights, and dismissal for offenders.

“(2) *MINIMUM TRAINING REQUIREMENTS.*—The Superintendent shall ensure that all cadets receive training on the sexual harassment and sexual assault prevention and response sections of the development program of the Academy, as described in paragraph (1), as follows:

“(A) An initial training session, which shall occur not later than 7 days after a cadet’s initial arrival at the Academy.

“(B) Additional training sessions, which shall occur bi-annually following the cadet’s initial training session until the cadet graduates or leaves the Academy.

“(c) *ANNUAL ASSESSMENT.*—

“(1) *IN GENERAL.*—The Secretary, in cooperation with the Superintendent, shall conduct an assessment at the Academy, during each Academy program year, to determine the effectiveness of the policies, procedures, and training program of the Academy with respect to sexual harassment and sexual assault involving cadets or other Academy personnel.

“(2) *BIENNIAL SURVEY.*—For each assessment of the Academy under paragraph (1) during an Academy program year that begins in an odd-numbered calendar year, the Secretary shall conduct a survey of cadets and other Academy personnel—

“(A) to measure—

“(i) the incidence, during that program year, of sexual harassment and sexual assault events involving cadets or other Academy personnel, on or off the Academy campus, that have been reported to officials of the Academy; and

“(ii) the incidence, during that program year, of sexual harassment and sexual assault events involving cadets or other Academy personnel, on or off the Academy campus, that have not been reported to officials of the Academy; and

“(B) to assess the perceptions of cadets and other Academy personnel on—

“(i) the policies, procedures, and training programs of the Academy on sexual harassment and sexual assault involving cadets or other Academy personnel;

“(ii) the enforcement of the policies described in clause (i);

“(iii) the incidence of sexual harassment and sexual assault involving cadets or other Academy personnel; and

“(iv) any other issues relating to sexual harassment and sexual assault involving cadets or other Academy personnel.

“(3) *FOCUS GROUPS FOR YEARS WHEN SURVEY NOT REQUIRED.*—In any year in which the Secretary is not required to conduct the survey described in paragraph (2), the Secretary shall conduct focus groups at the Academy for the purposes of ascertaining information relating to sexual assault and sexual harassment issues at the Academy.

“(d) *ANNUAL REPORT.*—

“(1) *IN GENERAL.*—For each Academy program year, the Superintendent shall submit to the Secretary a report that pro-

vides information about sexual harassment and sexual assault involving cadets or other Academy personnel.

“(2) CONTENTS.—Each report submitted under paragraph (1) shall include, for the Academy program year covered by the report—

“(A) the number of sexual assaults, rapes, and other sexual offenses involving cadets or other Academy personnel that have been reported to Academy officials;

“(B) the number of the reported cases described in subparagraph (A) that have been substantiated;

“(C) the policies, procedures, and training implemented by the Superintendent and the leadership of the Academy in response to incidents of sexual harassment and sexual assault involving cadets and other Academy personnel; and

“(D) a plan for the actions that will be taken in the following Academy program year regarding prevention of, and response to, incidents of sexual harassment and sexual assault involving cadets and other Academy personnel.

“(3) SURVEY AND FOCUS GROUP RESULTS.—

“(A) SURVEY RESULTS.—Each report under paragraph (1) for an Academy program year that begins in an odd-numbered calendar year shall include the results of the survey conducted in that program year under subsection (c)(2).

“(B) FOCUS GROUP RESULTS.—Each report under paragraph (1) for an Academy program year in which the Secretary is not required to conduct the survey described in subsection (c)(2) shall include the results of the focus group conducted in that program year under subsection (c)(3).

“(4) REPORTING REQUIREMENT.—

“(A) BY THE SUPERINTENDENT.—For each incident of sexual harassment or sexual assault reported to the Superintendent, the Superintendent shall provide to the Secretary and the Board of Visitors of the Academy a report that includes—

“(i) the facts surrounding the incident, except for any details that would reveal the identities of the people involved; and

“(ii) the Academy’s response to the incident.

“(B) BY THE SECRETARY.—The Secretary shall submit a copy of each report received under subparagraph (A) and the Secretary’s comments on the report to the Committee on Commerce, Science, and Transportation of the Senate and the Committee on Transportation and Infrastructure of the House of Representatives.”.

(b) CLERICAL AMENDMENT.—The table of sections for chapter 513 of title 46, United States Code, is amended by adding at the end the following:

“51318. Policy on sexual harassment and sexual assault.”.

SEC. 3511. SEXUAL ASSAULT RESPONSE COORDINATORS AND SEXUAL ASSAULT VICTIM ADVOCATES.

(a) COORDINATORS AND ADVOCATES.—Chapter 513 of title 46, United States Code, as amended by this Act, is further amended by adding at the end the following:

“§ 51319. Sexual assault response coordinators and sexual assault victim advocates

“(a) *SEXUAL ASSAULT RESPONSE COORDINATORS.*—The United States Merchant Marine Academy shall employ or contract with at least 1 full-time sexual assault response coordinator who shall reside at or near the Academy. The Secretary of Transportation may assign additional full-time or part-time sexual assault response coordinators at the Academy as necessary.

“(b) *VOLUNTEER SEXUAL ASSAULT VICTIM ADVOCATES.*—

“(1) *IN GENERAL.*—The Secretary, acting through the Superintendent of the Academy, shall designate from among volunteers 1 or more permanent employees of the Academy to serve as advocates for victims of sexual assaults involving cadets of the Academy or other Academy personnel.

“(2) *TRAINING; OTHER DUTIES.*—Each victim advocate designated under this subsection shall—

“(A) have or receive training in matters relating to sexual assault and the comprehensive policy developed under section 51318; and

“(B) serve as a victim advocate voluntarily, in addition to the individual’s other duties as an employee of the Academy.

“(3) *PRIMARY DUTIES.*—While performing the duties of a victim advocate under this subsection, a designated employee shall—

“(A) support victims of sexual assault by informing them of the rights and resources available to them as victims;

“(B) identify additional resources to ensure the safety of victims of sexual assault; and

“(C) connect victims of sexual assault to companions, as described in paragraph (4).

“(4) *COMPANIONS.*—

“(A) *IN GENERAL.*—At least 1 victim advocate designated under this subsection, or a sexual assault response coordinator designated under subsection (a), while performing the duties of a victim advocate, shall act as a companion to a victim described in paragraph (1) in navigating investigative, medical, mental, and emotional health, and recovery processes relating to sexual assault.

“(B) *ALTERNATE VICTIM ADVOCATES.*—If requested by the victim, an alternate victim advocate shall be designated under this subsection to act as a companion to the victim, as described in subparagraph (A).

“(5) *HOTLINE.*—The Secretary shall establish a 24-hour hotline through which the victim of a sexual assault described in paragraph (1) can receive victim support services.

“(6) *FORMAL RELATIONSHIPS WITH OTHER ENTITIES.*—The Secretary may enter into formal relationships with other entities to make available additional victim advocates or to implement paragraphs (3), (4), and (5).”

(b) *CLERICAL AMENDMENT.*—The table of sections for chapter 513 of title 46, United States Code, as amended by this Act, is further amended by adding at the end the following:

“51319. Sexual assault response coordinators and sexual assault victim advocates.”

SEC. 3512. REPORT FROM THE DEPARTMENT OF TRANSPORTATION INSPECTOR GENERAL.

(a) *IN GENERAL.*—Not later than March 31, 2018, the Inspector General of the Department of Transportation shall submit to the Committee on Commerce, Science, and Transportation of the Senate and the Committee on Transportation and Infrastructure of the House of Representatives a report that describes the effectiveness of the sexual harassment and sexual assault prevention and response program at the United States Merchant Marine Academy.

(b) *CONTENTS.*—The report required under subsection (a) shall—

(1) assess progress toward addressing any outstanding recommendations;

(2) include any recommendations to reduce the number of sexual assaults involving members of the Academy, whether a member is the victim, the alleged assailant, or both; and

(3) include any recommendations to improve the response of the Department and the Academy to reports of sexual assaults involving members of the Academy, whether a member is the victim, a member is the alleged assailant, or both.

(c) *EXPERTISE.*—In compiling the report required under this section, the Inspector General shall—

(1) include on the inspection teams acting under the direction of the Inspector General at least 1 member with expertise and knowledge of sexual assault prevention and response policies; or

(2) consult with subject matter experts in the prevention of and response to sexual assaults.

SEC. 3513. SEXUAL ASSAULT PREVENTION AND RESPONSE WORKING GROUP.

(a) *IN GENERAL.*—Not later than 21 days after the date of the enactment of this Act, the Maritime Administrator shall convene a working group to examine methods to improve the prevention of, and response to, any sexual harassment, sexual assault, or other inappropriate conduct, as well as methods to improve the shipboard climate, that occurs during a cadet's Sea Year experience with the United States Merchant Marine Academy.

(b) *MEMBERSHIP.*—The working group shall be composed of members designated by the Maritime Administrator as follows:

(1) A representative of the Maritime Administration, who shall serve as the chair of the working group.

(2) The Superintendent of the Academy (or the Superintendent's designee).

(3) A sexual assault response coordinator appointed under section 51319 of title 46, United States Code, as added by this Act.

(4) A subject matter expert from the Coast Guard.

(5) A subject matter expert from the Military Sealift Command.

(6) A subject matter expert from the National Oceanic and Atmospheric Administration.

(7) At least 1 representative from each State maritime academy.

(8) At least 1 representative from each private contracting party participating in the maritime security program.

(9) *At least 1 representative from each nonprofit labor organization representing a class or craft of employees employed on vessels in the Maritime Security Fleet.*

(10) *At least 2 representatives from approved maritime training institutions.*

(11) *At least 1 representative from companies that—*

(A) *participate in sea training of Academy cadets; and*

(B) *do not participate in the maritime security program.*

(12) *Such additional individuals as the Maritime Administrator may designate.*

(c) *NO QUORUM REQUIREMENT.—The chair may convene the working group without all members present.*

(d) *RESPONSIBILITIES.—The working group shall—*

(1) *evaluate options that could promote a climate of honor and respect, and a culture that is intolerant of sexual harassment, sexual assault, or other inappropriate conduct and those who commit it, with operators of vessels of the United States;*

(2) *raise awareness of sexual harassment, sexual assault, or other inappropriate conduct with operators of vessels of the United States;*

(3) *assess options that could be implemented by the operators of vessels of the United States that would remove any barriers to the reporting of sexual harassment, sexual assault, or other inappropriate conduct that occurs during a cadet's Sea Year experience and protect the victim's confidentiality;*

(4) *assess a potential program or policy to improve the prevention of, and response to, incidents of sexual harassment, sexual assault, or other inappropriate conduct;*

(5) *assess a potential program or policy requiring crews to complete a sexual harassment and sexual assault prevention and response training program before the cadet's Sea Year that includes—*

(A) *fostering a shipboard climate—*

(i) *that does not tolerate sexual harassment, sexual assault, or other inappropriate conduct;*

(ii) *in which persons assigned to vessel crews are encouraged to intervene to prevent such potential incidents; and*

(iii) *that encourages victims to report any incident of sexual harassment, sexual assault, or other inappropriate conduct; and*

(B) *promoting an understanding of the needs of, and the resources available to, a victim after an incident of sexual harassment, sexual assault, or other inappropriate conduct;*

(6) *assess all other feasible changes to Sea Year training at the Academy, and corresponding changes to curricula, to improve prevention of and response to incidents of sexual harassment, sexual assault, and other inappropriate conduct; and*

(7) *assess how vessel operators could ensure the confidentiality of a report of sexual harassment, sexual assault, or other inappropriate conduct in order to protect the victim and prevent retribution.*

(e) *REPORT.*—Not later than 9 months after the date of the enactment of this Act, the working group shall submit to the Committee on Commerce, Science, and Transportation of the Senate and the Committee on Transportation and Infrastructure of the House of Representatives a report that includes—

(1) recommendations on each of the working group’s responsibilities described in subsection (d);

(2) a description of the trade-offs, opportunities, and challenges associated with the recommendations described in paragraph (1);

(3) a description of administrative actions taken as result of the recommendations described in paragraph (1); and

(4) any other information the working group determines appropriate.

SEC. 3514. SEA YEAR COMPLIANCE.

Not later than 90 days after the date of the enactment of this Act, the Maritime Administrator, in consultation with operators of commercial vessels of the United States, shall establish—

(1) criteria that vessel operators must meet in order to participate in the Sea Year program of the United States Merchant Marine Academy that addresses sexual harassment, sexual assault, and other inappropriate conduct; and

(2) a process for verifying compliance with the criteria.

SEC. 3515. STATE MARITIME ACADEMY PHYSICAL STANDARDS AND REPORTING.

Section 51506 of title 46, United States Code, is amended—

(1) in subsection (a)—

(A) in the matter preceding paragraph (1), by striking “must” and inserting “shall”;

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

(C) in paragraph (3), by striking the period at the end and inserting “; and”; and

(D) by adding at the end the following:

“(4) agree that any individual enrolled at such State maritime academy in a merchant marine officer preparation program—

“(A) shall, not later than 9 months after such individual’s date of enrollment, pass an examination in form and substance satisfactory to the Secretary that demonstrates that such individual meets the medical and physical requirements—

“(i) required for the issuance of an original license under section 7101; or

“(ii) set by the Coast Guard for issuing merchant mariners’ documentation under section 7302, with no limit to the individual’s operational authority;

“(B) following passage of the examination under subparagraph (A), shall continue to meet the requirements described in subparagraph (A) throughout the remainder of the individual’s enrollment at the State maritime academy; and

“(C) if the individual has a medical or physical condition that disqualifies the individual from meeting the requirements referred to in subparagraph (A), shall be trans-

ferred to a program other than a merchant marine officer preparation program, or otherwise appropriately disenrolled from such State maritime academy, until the individual demonstrates to the Secretary that the individual meets such requirements.”; and

(2) by adding at the end the following:

“(c) **SECRETARIAL WAIVER AUTHORITY.**—The Secretary may modify or waive any of the terms set forth in subsection (a)(4) with respect to any individual or State maritime academy.”.

SEC. 3516. APPOINTMENTS.

(a) **IN GENERAL.**—Section 51303 of title 46, United States Code, is amended by striking “40” and inserting “50”.

(b) **CLASS PROFILES.**—

(1) **IN GENERAL.**—Not later than August 31 of each year, the Superintendent of the United States Merchant Marine Academy shall post on the Academy’s public website a profile of each class at the Academy.

(2) **CONTENTS.**—Each profile posted under paragraph (1) shall include, for the incoming class of the Academy and for the 4 classes that preceded that class at the Academy, the number and percentage of students by—

- (A) State;
- (B) country;
- (C) gender;
- (D) race and ethnicity; and
- (E) prior military service.

SEC. 3517. MARITIME WORKFORCE WORKING GROUP.

(a) **IN GENERAL.**—Not later than 120 days after the date of the enactment of this Act, the Maritime Administrator, in consultation with the Coast Guard Merchant Marine Personnel Advisory Committee and the Committee on the Marine Transportation System, shall convene a working group to examine and assess the size of the pool of United States citizen mariners necessary to support the United States flag fleet in times of national emergency.

(b) **MEMBERSHIP.**—The Maritime Administrator shall designate individuals to serve as members of the working group convened under subsection (a). The working group shall include, at a minimum, at least 1 representative from each of—

- (1) the Maritime Administration, who shall serve as chairperson of the working group;
- (2) the United States Merchant Marine Academy;
- (3) the Coast Guard;
- (4) the Military Sealift Command;
- (5) the Navy;
- (6) the State maritime academies;
- (7) a nonprofit labor organization representing a class of licensed employees who are employed on vessels operating in the United States flag fleet;
- (8) a nonprofit labor organization representing a class of unlicensed employees who are employed on vessels operating in the United States flag fleet;
- (9) the pool of owners of vessels operating in the United States flag fleet, or their private contracting parties, that are primarily operating in coastwise trades; and

(10) the pool of owners of vessels operating in the United States flag fleet, or their private contracting parties, that are primarily operating in international transportation.

(c) **NO QUORUM REQUIREMENT.**—The Maritime Administrator may convene the working group virtually and without all members present.

(d) **RESPONSIBILITIES.**—The working group shall—

(1) identify the number of United States citizen mariners—

(A) in total;

(B) that have a valid Coast Guard merchant mariner credential with the necessary endorsements for service on unlimited tonnage vessels that are subject to the International Convention on Standards of Training, Certification and Watchkeeping for Seafarers, 1978, as amended;

(C) that are involved in Federal programs that support the United States merchant marine and the United States flag fleet;

(D) that are available to crew the United States flag fleet and the surge sealift fleet in times of a national emergency;

(E) that are full-time mariners;

(F) that have sailed in the prior 18 months;

(G) that are primarily operating in noncontiguous or coastwise trades; and

(H) that are merchant mariner credentialed officers in the United States Navy Reserve;

(2) assess the impact on the United States merchant marine and United States Merchant Marine Academy if graduates from State maritime academies and the United States Merchant Marine Academy were assigned to, or required to fulfill, certain maritime positions based on the overall needs of the United States merchant marine;

(3) assess the Coast Guard Merchant Mariner Licensing and Documentation System and its accessibility and value to the Maritime Administration for the purposes of evaluating the pool of United States citizen mariners; and

(4) make recommendations to enhance the availability and quality of interagency data, including data from the United States Transportation Command, the Coast Guard, the Navy, and the Bureau of Transportation Statistics, for use by the Maritime Administration for evaluating the pool of United States citizen mariners.

(e) **REPORT.**—Not later than 1 year after the date of the enactment of this Act, the Secretary of Transportation shall submit a report to the Committee on Commerce, Science, and Transportation of the Senate, the Committee on Armed Services of the House of Representatives, and the Committee on Transportation and Infrastructure of the House of Representatives that contains the results of the study conducted under this section, including—

(1) the number of United States citizen mariners identified for each category described in subparagraphs (A) through (H) of subsection (d)(1);

(2) the results of the assessments conducted under paragraphs (2) and (3) of subsection (d); and

(3) the recommendations made under subsection (d)(4).

(f) *INCLUSION OF MERCHANT MARINE-CREDENTIALLED OFFICERS IN THE NAVY RESERVE.*—For the purposes of this section, the term “United States citizen mariners” includes, but is not limited to, officers in the United States Navy Reserve who are holders of merchant mariner credentials, as determined by the Secretary of the Navy.

(g) *SUNSET.*—The Maritime Administrator may disband the working group upon submission of the report under subsection (e).

SEC. 3518. MARITIME EXTREME WEATHER TASK FORCE.

(a) *ESTABLISHMENT OF TASK FORCE.*—Not later than 15 days after the date of the enactment of this Act, the Secretary of Transportation shall establish a task force to analyze the impact of extreme weather events, such as in the maritime environment (referred to in this section as the “Task Force”).

(b) *MEMBERSHIP.*—The Task Force shall be composed of—

(1) the Secretary or the Secretary’s designee; and

(2) a representative of—

(A) the Coast Guard;

(B) the National Oceanic and Atmospheric Administration; and

(C) such other Federal agency or independent commission as the Secretary considers appropriate.

(c) *REPORT.*—

(1) *IN GENERAL.*—Except as provided in paragraph (4), not later than 180 days after the date it is established under subsection (a), the Task Force shall submit to the Committee on Commerce, Science, and Transportation of the Senate and the Committee on Transportation and Infrastructure of the House of Representatives a report on the analysis under subsection (a).

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

(A) an identification of available weather prediction, monitoring, and routing technology resources;

(B) an identification of industry best practices relating to response to, and prevention of marine casualties from, extreme weather events;

(C) a description of how the resources described in subparagraph (A) are used in the various maritime sectors, including by passenger and cargo vessels;

(D) recommendations for improving maritime response operations to extreme weather events and preventing marine casualties from extreme weather events, such as promoting the use of risk communications and the technologies identified under subparagraph (A); and

(E) recommendations for any legislative or regulatory actions for improving maritime response operations to extreme weather events and preventing marine casualties from extreme weather events.

(3) *PUBLICATION.*—The Secretary shall make the report under paragraph (1) and any notification under paragraph (4) publicly accessible in an electronic format.

(4) *IMMINENT THREATS.*—The Task Force shall immediately notify the Secretary of any finding or recommendations that could protect the safety of an individual on a vessel from an imminent threat of extreme weather.

SEC. 3519. WORKFORCE PLANS AND ONBOARDING POLICIES.

(a) **WORKFORCE PLANS.**—Not later than 9 months after the date of the enactment of this Act, the Maritime Administrator shall review the Maritime Administration's workforce plans, including its Strategic Human Capital Plan and Leadership Succession Plan, and fully implement competency models for mission-critical occupations, including—

- (1) leadership positions;
- (2) human resources positions; and
- (3) transportation specialist positions.

(b) **ONBOARDING POLICIES.**—Not later than 9 months after the date of the enactment of this Act, the Maritime Administrator shall—

- (1) review the Maritime Administration's policies related to new hire orientation, training, and misconduct;
- (2) align the onboarding policies and procedures at headquarters and the field offices to ensure consistent implementation and provision of critical information across the Maritime Administration; and
- (3) update the Maritime Administration's training policies and training systems to include controls that ensure that all completed training is tracked in a standardized training repository.

(c) **REPORT.**—Not later than 1 year after the date of the enactment of this Act, the Maritime Administrator shall submit a report to the Committee on Commerce, Science, and Transportation of the Senate and the Committee on Armed Services and the Committee on Transportation and Infrastructure of the House of Representatives that describes the Maritime Administration's compliance with the requirements under this section.

SEC. 3520. DRUG AND ALCOHOL POLICY.

(a) **REVIEW.**—Not later than 9 months after the date of the enactment of this Act, the Maritime Administrator shall—

- (1) review the Maritime Administration's drug and alcohol policies, procedures, and training practices;
- (2) ensure that all fleet managers have received training on the Department of Transportation's drug and alcohol policy, including the testing procedures used by the Department and the Maritime Administration in cases of reasonable suspicion; and
- (3) institute a system for tracking all drug and alcohol policy training conducted under paragraph (2) in a standardized training repository.

(b) **REPORT.**—Not later than 1 year after the date of the enactment of this Act, the Maritime Administrator shall submit a report to the Committee on Commerce, Science, and Transportation of the Senate and the Committee on Armed Services and the Committee on Transportation and Infrastructure of the House of Representatives that describes the Maritime Administration's compliance with the requirements under this section.

SEC. 3521. VESSEL TRANSFERS.

Not later than 9 months after the date of the enactment of this Act, the Maritime Administrator shall submit a report to the Committee on Commerce, Science, and Transportation of the Senate and the Committee on Armed Services and the Committee on Transpor-

tation and Infrastructure of the House of Representatives that describes the Maritime Administration policies and procedures for vessel transfer, including—

(1) a summary of the actions taken to update the Vessel Transfer Office procedures manual to reflect the current range of program responsibilities and processes; and

(2) a copy of the updated Vessel Transfer Office procedures to process vessel transfer applications.

SEC. 3522. CLARIFYING AMENDMENT; CONTINUATION BOARDS.

Section 290(a) of title 14, United States Code, is amended by striking “five officers serving in the grade of vice admiral” and inserting “5 officers (other than the Commandant) serving in the grade of admiral or vice admiral”.

SEC. 3523. POLAR ICEBREAKER RECAPITALIZATION PLAN.

(a) **REQUIREMENT.**—Not later than 120 days after the date of the enactment of this Act, the Secretary, in consultation with the Secretary of the Navy, shall submit to the appropriate committees of Congress a detailed recapitalization plan to address the 2013 Department of Homeland Security Mission Need Statement with respect to icebreaking.

(b) **CONTENTS.**—The plan required under subsection (a) shall—

(1) detail the number of heavy and medium polar icebreakers required to meet Coast Guard statutory missions in the polar regions;

(2) identify the vessel specifications, capabilities, systems, equipment, and other details required for the design of heavy polar icebreakers capable of fulfilling the mission requirements of the Coast Guard and the Navy, and the requirements of other agencies and departments of the United States, as the Secretary determines appropriate;

(3) list the specific appropriations required for the acquisition of each icebreaker, for each fiscal year, until the full fleet is recapitalized;

(4) describe the potential savings of serial acquisition for new polar class icebreakers, including specific schedule and acquisition requirements needed to realize such savings;

(5) describe any polar icebreaking capacity gaps that may arise based on the current fleet and current procurement outlook; and

(6) describe any additional polar icebreaking capability gaps that may arise due to any further delay in procurement schedules.

(c) **DEFINITIONS.**—In this section, the following definitions apply:

(1) **APPROPRIATE COMMITTEES OF CONGRESS.**—The term “appropriate committees of Congress” means the Committee on Commerce, Science, and Transportation of the Senate and the Committee on Transportation and Infrastructure of the House of Representatives.

(2) **SECRETARY.**—Except as otherwise specifically provided, the term “Secretary” means the Secretary of the department in which the Coast Guard is operating.

SEC. 3524. GAO REPORT ON ICEBREAKING CAPABILITY IN UNITED STATES.

(a) **REQUIREMENT.**—Not later than 180 days after the date of the enactment of this Act, the Comptroller General of the United States shall submit to the appropriate committees of Congress a report on the current state of the United States Federal icebreaking fleet.

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

(1) an analysis of the icebreaking assets in operation in the United States and a description of the missions completed by such assets;

(2) an analysis of how such assets and the capabilities of such assets are consistent, or inconsistent, with the icebreaking mission requirements described in the 2013 Department of Homeland Security Mission Need Statement, the Naval Operations Concept 2010, and other military and civilian governmental missions in the United States;

(3) an analysis of the gaps in icebreaking capability of the United States based on the expected service life of the fleet of United States icebreaking assets;

(4) a list of countries that are allies of the United States that have the icebreaking capacity to exercise missions during any identified gap in United States icebreaking capacity; and

(5) a description of the policy, financial, and other barriers that have prevented timely recapitalization of the Coast Guard icebreaking fleet and recommendations to overcome such barriers, including potential international fee-based models used to compensate governments for icebreaking escorts or maintenance of maritime routes.

(c) **APPROPRIATE COMMITTEES OF CONGRESS.**—In this section, the term “appropriate committees of Congress” means the Committee on Commerce, Science, and Transportation of the Senate and the Committee on Transportation and Infrastructure of the House of Representatives.

Subtitle B—Pribilof Islands Transition Completion

SEC. 3531. SHORT TITLE.

This subtitle may be cited as the “Pribilof Islands Transition Completion Amendments Act of 2016”.

SEC. 3532. CONVEYANCE OF PROPERTY.

(a) **CONVEYANCE.**—Subsection (a) of section 522 of the Pribilof Island Transition Completion Act of 2016 (Public Law 114–120, as amended by this Act) is amended to read as follows:

“(a) **CONVEYANCE.**—In partial settlement of land claims under the Alaska Native Claims Settlement Act (43 U.S.C. 1601 et seq.), and not later than 30 days after the date of enactment of the Pribilof Islands Transition Completion Amendments Act of 2016, the Secretary of Commerce shall, notwithstanding section 105(a) of the Pribilof Islands Transition Act (16 U.S.C. 1161 note; Public Law 106–562), convey to the Alaska Native Village Corporation for St. Paul Island all right, title, and interest of the United States in and to the following property, including improvements on such property:

“(1) Lots 4, 5, and 6A, Block 18, Tract A, U.S. Survey 4943, Alaska, the plat of which was Officially Filed on January 20, 2004, aggregating 13,006 square feet (0.30 acres).

“(2) T. 35 S., R. 131 W., Seward Meridian, Alaska, Tract 39, the plat of which was Officially Filed on May 14, 1986, containing 0.90 acres.”.

(b) **CONFORMING AMENDMENTS; EASEMENT.**—Section 522 of such Act, as amended by subsection (a), is further amended—

(1) by striking subsection (b);

(2) by redesignating subsection (c) as subsection (b); and

(3) by adding at the end the following:

“(c) **EASEMENT.**—As part of the conveyance under subsection (a), the Secretary of Commerce, in cooperation with the Alaska Native Village Corporation for St. Paul Island, shall provide an easement to the Secretary of Transportation to maintain a non-directional beacon on the property described in subsection (a)(2).”.

SEC. 3533. TRANSFER, USE, AND DISPOSAL OF TRACT 43.

(a) **IN GENERAL.**—Section 524 of the Pribilof Island Transition Completion Act of 2016 (Public Law 114–120, as amended by this Act) is amended to read as follows:

“SEC. 524. TRANSFER, USE, AND DISPOSAL OF TRACT 43.

“(a) **TRANSFER.**—Not later than 30 days after the date of the enactment of the Pribilof Islands Transition Completion Amendments Act of 2016, the Secretary of Commerce shall—

“(1) terminate the license; and

“(2) transfer tract 43 to the Secretary of the department in which the Coast Guard is operating.

“(b) **DETERMINATION, TRANSFER, AND CONVEYANCE.**—

“(1) **IN GENERAL.**—Not later than the end of the 90-day period beginning on the date of the transfer required under subsection (a)(2), the Secretary shall submit to the Committee on Transportation and Infrastructure of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate a determination of—

“(A) lands and improvements in tract 43 that are not necessary to carry out Coast Guard communications and search and rescue activities; and

“(B) the smallest practicable tract enclosing lands and improvements in tract 43 that are necessary to carry out such communications and activities.

“(2) **SURVEYS, MAPS, DESCRIPTIONS, AND PLAN.**—

“(A) **LANDS AND IMPROVEMENTS NOT NECESSARY TO COAST GUARD ACTIVITIES.**—The determination under paragraph (1)(A) shall include a metes-and-bounds survey, map, and legal description of the lands and improvements to which the determination applies. Such survey, map, and legal description shall have the same force and effect as if included in this section, except that the Secretary may correct clerical and typographical errors in the survey, map, and legal description.

“(B) **LANDS AND IMPROVEMENTS NECESSARY TO COAST GUARD ACTIVITIES.**—The determination under paragraph (1)(B) shall include with respect to the lands and improvements to which the determination applies—

“(i) a metes-and-bounds survey, map, and legal description of such lands and improvements, which shall have the same force and effect as if included in this section, except that the Secretary may correct clerical and typographical errors in the survey, map, and legal description;

“(ii) a description of Coast Guard actual use and occupancy of such lands and improvements intended to occur within 3 years after the date of the enactment of the Pribilof Islands Transition Completion Amendments Act of 2016; and

“(iii) a plan to maintain existing facilities in useable condition, or demolish or replace those facilities, including a cost estimate for carrying out such plan.

“(3) CONVEYANCE.—In partial settlement of land claims under the Alaska Native Claims Settlement Act (43 U.S.C. 1601 et seq.), and not later than 60 days after the submission of the determination under paragraph (1)(A), the Secretary shall convey to the Alaska Native Village Corporation for St. Paul Island all right, title, and interest of the United States in and to the land and improvements depicted on the metes-and-bounds survey, map, and legal description of the lands and improvements to which the determination under paragraph (1)(A) applies.

“(4) FAILURE TO PROVIDE DETERMINATION.—If a determination under paragraph (1) is not provided within the period specified in that paragraph, in partial settlement of land claims under the Alaska Native Claims Settlement Act (43 U.S.C. 1601 et seq.) the Secretary shall, by not later than 30 days after the end of that period, convey all right, title, and interest of the United States in and to tract 43 to the Alaska Native Village Corporation for St. Paul Island.

“(5) FAILURE TO IMPLEMENT USE AND OCCUPANCY.—If the use and occupancy described in paragraph (2)(B)(ii) have not been fully implemented within 5 years after the date of enactment of the Pribilof Islands Transition Completion Amendments Act of 2016, in partial settlement of land claims under the Alaska Native Claims Settlement Act (43 U.S.C. 1601 et seq.) the Secretary shall convey to the Alaska Native Village Corporation for St. Paul Island all right, title, and interest of the United States in and to such portions of the lands and improvements to which the determination under paragraph (1)(B) applies and for which such implementation has not occurred.

“(c) FURTHER DETERMINATION AND CONVEYANCE.—

“(1) IN GENERAL.—Not later than 5 years after the date of the enactment of the Pribilof Islands Transition Completion Amendments Act of 2016, and not less than once every 5 years thereafter, the Secretary shall—

“(A) review the determination made under subsection (b)(1)(B); and

“(B) determine if the lands and improvements to which the determination applies are in excess of the smallest practicable tract enclosing the lands and improvements needed to carry out Coast Guard missions.

“(2) *REPORT OF DETERMINATION.*—When a determination is made under paragraph (1), the Secretary shall report the determination to—

“(A) the Committee on Transportation and Infrastructure of the House of Representatives;

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

“(C) the Alaska Native Village Corporation for St. Paul Island.

“(3) *ELECTION TO RECEIVE.*—Not later than 60 days after the date it receives a determination under paragraph (1), the Alaska Native Village Corporation for St. Paul Island shall notify the Secretary in writing whether the Alaska Native Village Corporation elects to receive all right, title, and interest of the United States in and to any lands and improvements or a portion of any lands and improvements determined to be in excess of those needed to carry out Coast Guard missions in partial settlement of land claims under the Alaska Native Claims Settlement Act (43 U.S.C. 1601 et seq.).

“(4) *CONVEYANCE.*—If such Alaska Native Village Corporation provides notice under paragraph (3) that the Alaska Native Village Corporation elects to receive all right, title, and interest of the United States in and to any lands and improvements or a portion of any lands and improvements, in partial settlement of land claims under the Alaska Native Claims Settlement Act (43 U.S.C. 1601 et seq.) the Secretary shall convey all right, title, and interest of the United States in and to the lands and improvements or portion thereof to such Alaska Native Village Corporation.

“(5) *OTHER DISPOSAL.*—If such Alaska Native Village Corporation does not provide notice under paragraph (3) that the Alaska Native Village Corporation elects to receive all right, title, and interest of the United States in and to any lands and improvements or a portion of any lands and improvements, the Secretary may dispose of the lands and improvements in accordance with other applicable law.

“(d) *CERCLA NOT AFFECTED.*—No transfer or conveyance of property under this section shall be construed to affect or limit the application of section 120(h) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (42 U.S.C. 9620(h)).

“(e) *REPORTS.*—

“(1) *REMEDICATION OF CONTAMINATED SOIL.*—Not later than 2 years after the date of the enactment of the Pribilof Islands Transition Completion Amendments Act of 2016 and not less than once every 2 years thereafter, the Secretary shall submit to the Committee on Transportation and Infrastructure of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate a report on—

“(A) efforts taken to remediate contaminated soils on tract 43 and tract 39; and

“(B) a schedule for the completion of remediation of contaminated soils on tract 43 and tract 39.

“(2) *NUMBER OF COAST GUARD PERSONNEL WHO CARRIED OUT COAST GUARD MISSIONS.*—On the 15th day of each month,

the Commandant of the Coast Guard shall submit to the Committee on Transportation and Infrastructure of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate a notice detailing the number of Coast Guard personnel who carried out Coast Guard missions on tract 43 during the previous month and what Coast Guard missions were carried out by such personnel.

“(f) REDUNDANT CAPABILITY.—

“(1) RULE OF CONSTRUCTION.—Except as provided in paragraph (2), section 681 of title 14, United States Code, shall not be construed to prohibit any conveyance of lands or improvements under this subtitle or any actions that involve the dismantling or disposal of infrastructure that supported the former LORAN system that are associated with the conveyance of lands or improvements under this subtitle.

“(2) REDUNDANT CAPABILITY.—If, within the 5-year period beginning on the date of the enactment of the Pribilof Islands Transition Completion Amendments Act of 2016, the Secretary determines that communication equipment, including towers, antennae, and transmitters, on property conveyed in accordance with this subtitle is subsequently required to provide a positioning, navigation, and timing system to provide redundant capability in the event GPS signals are disrupted, the Secretary may—

“(A) operate, maintain, keep, locate, inspect, repair, and replace such equipment; and

“(B) in carrying out the activities described in subparagraph (A), enter, at any time, a facility without notice, to the extent that it is not possible to provide advance notice, for as long as such equipment is needed to provide such capability.

“(g) FEDERAL USE.—In addition to entry under subsection (f)(2)(B), the Secretary may enter property conveyed in accordance with this subtitle for purposes of environmental compliance and remediation after providing advance notice to the property owner to the extent that it is possible to provide such notice.

“(h) HIGH FREQUENCY COMMUNICATIONS.—

“(1) RESTRICTION.—Except as provided in paragraph (2), on property contained within the boundaries of tract 43 as in effect on the date of enactment of the Pribilof Islands Transition Completion Amendments Act of 2016, no person may operate or maintain—

“(A) radio frequency transmitting equipment that produces a signal that exceeds 5 microvolts per meter field intensity, other than such equipment that was in use on the site before the date of the enactment of such Act; or

“(B) electric welding equipment, electric generating equipment, a diathermy machine, electric motors of any kind having greater than 5 horsepower, or any other machinery, engine, or equipment that causes any electromagnetic interference.

“(2) EXCEPTION.—A person may engage in operations or maintenance otherwise prohibited by paragraph (1) with the concurrence of the Secretary.

“(i) DEFINITIONS.—For purposes of this section:

“(1) *LICENSE*.—The term ‘license’ means the agreement dated January 9, 2006, entitled ‘License Agreement Between The Department of Homeland Security, United States Coast Guard, and The Department of Commerce, National Oceanic and Atmospheric Administration’.

“(2) *TRACT 39*.—The term ‘tract 39’ means T. 35 S., R. 131 W., Seward Meridian, Alaska, Tract 39, the plat of which was Officially Filed on May 14, 1986, containing 0.90 acres.

“(3) *TRACT 43*.—The term ‘tract 43’ means T. 35 S., R. 131 W., Seward Meridian, Alaska, Tract 43, the plat of which was Officially Filed on May 14, 1986, containing 84.88 acres, and any improvements on such tract.

“(4) *SECRETARY*.—The term ‘Secretary’ means the Secretary of the department in which the Coast Guard is operating.”.

(b) *CHARGEABILITY FOR LANDS CONVEYED*.—The Secretary of the Interior shall charge against the remaining entitlement of the Alaska Native Village Corporation for St. Paul Island under the Alaska Native Claims Settlement Act (43 U.S.C. 1601 et seq.) any conveyance of land to such corporation under this subtitle, including the amendments made by this subtitle.

(c) *CLERICAL AMENDMENT*.—The table of contents in section 2 of the Coast Guard Authorization Act of 2016 (Public Law 114–120, as amended by this Act) is amended by striking the item relating to section 524 and inserting the following:

“Sec. 524. Transfer, use, and disposal of tract 43.”.

(d) *CONFORMING AMENDMENTS*.—Section 105 of the Pribilof Islands Transition Act (16 U.S.C. 1161 note; Public Law 106–562) is amended—

(1) in subsection (e)(1), by striking “or section 522 of the Pribilof Island Transition Completion Act of 2015” and inserting “or section 522 of the Pribilof Island Transition Completion Act of 2016, or transferred to the Secretary of the department in which the Coast Guard is operating under section 524 of such Act,”; and

(2) in subsection (f)(1), by striking “and not transferred” and inserting “and not transferred to the Secretary of the department in which the Coast Guard is operating under section 524 of the Pribilof Island Transition Completion Act of 2016 or”.

(e) *SAVINGS CLAUSE*.—The Memorandum of Understanding among the Tanadgusix Corporation, St. Paul Island, Alaska, the Tanaq Corporation, St. George Island, Alaska, and the National Marine Fisheries Service of the National Oceanic and Atmospheric Administration of the Department of Commerce, dated December 22, 1976, regarding Pribilof Islands Land Selections and the establishment and operation of a Joint Management Board, shall remain in effect with respect to land selections and conveyances until all obligations for conveyances under that agreement have been met, and the obligation to maintain a Joint Management Board remains in effect.

**Subtitle C—Sexual Harassment and Assault Prevention at
the National Oceanic and Atmospheric Administration**

SEC. 3541. ACTIONS TO ADDRESS SEXUAL HARASSMENT AT NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION.

(a) **REQUIRED POLICY.**—Not later than 1 year after the date of the enactment of this Act, the Secretary of Commerce shall, acting through the Under Secretary for Oceans and Atmosphere, develop a policy on the prevention of and response to sexual harassment involving employees of the National Oceanic and Atmospheric Administration, members of the commissioned officer corps of the Administration, and individuals who work with or conduct business on behalf of the Administration.

(b) **MATTERS TO BE SPECIFIED IN POLICY.**—The policy developed under subsection (a) shall include—

(1) establishment of a program to promote awareness of the incidence of sexual harassment;

(2) clear procedures an individual should follow in the case of an occurrence of sexual harassment, including—

(A) a specification of the person or persons to whom an alleged occurrence of sexual harassment should be reported by an individual and options for confidential reporting, including—

(i) options and contact information for after-hours contact; and

(ii) a procedure for obtaining assistance and reporting sexual harassment while working in a remote scientific field camp, at sea, or in another field status; and

(B) a specification of any other person whom the victim should contact;

(3) establishment of a mechanism by which—

(A) questions regarding sexual harassment can be confidentially asked and confidentially answered; and

(B) incidents of sexual harassment can be confidentially reported; and

(4) a prohibition on retaliation and consequences for retaliatory actions.

(c) **CONSULTATION AND ASSISTANCE.**—In developing the policy required by subsection (a), the Secretary may consult or receive assistance from such State, local, and national organizations and subject matter experts as the Secretary considers appropriate.

(d) **AVAILABILITY OF POLICY.**—The Secretary shall ensure that the policy developed under subsection (a) is available to—

(1) all employees of the Administration and members of the commissioned officer corps of the Administration, including those employees and members who conduct field work for the Administration; and

(2) the public.

(e) **GEOGRAPHIC DISTRIBUTION OF EQUAL EMPLOYMENT OPPORTUNITY PERSONNEL.**—The Secretary shall designate out of existing staff at least 1 employee of the Administration who is tasked with handling matters relating to equal employment opportunity or sexual harassment at each marine and aviation center of the Administration.

(f) **QUARTERLY REPORTS.**—

(1) *IN GENERAL.*—Not less frequently than 4 times each year, the Director of the Civil Rights Office of the Administration shall submit to the Under Secretary a report on sexual harassment in the Administration.

(2) *CONTENTS.*—Each report submitted under paragraph (1) shall include the following:

(A) The number of sexual harassment cases, both actionable and non-actionable, involving individuals covered by the policy developed under subsection (a).

(B) The number of open actionable sexual harassment cases and how long the cases have been open.

(C) Such trends or region-specific issues as the Director may have discovered with respect to sexual harassment in the Administration.

(D) Such recommendations as the Director may have with respect to sexual harassment in the Administration.

SEC. 3542. ACTIONS TO ADDRESS SEXUAL ASSAULT AT NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION.

(a) *COMPREHENSIVE POLICY ON PREVENTION OF AND RESPONSE TO SEXUAL ASSAULTS.*—Not later than 1 year after the date of the enactment of this Act, the Secretary of Commerce shall, acting through the Under Secretary for Oceans and Atmosphere, develop a comprehensive policy on the prevention of and response to sexual assaults involving employees of the National Oceanic and Atmospheric Administration, members of the commissioned officer corps of the Administration, and individuals who work with or conduct business on behalf of the Administration.

(b) *ELEMENTS OF COMPREHENSIVE POLICY.*—The comprehensive policy developed under subsection (a) shall, at minimum, address the following matters:

(1) Prevention measures.

(2) Education and training on prevention and response.

(3) A list of support resources an individual may use in the occurrence of sexual assault, including—

(A) options and contact information for after-hours contact; and

(B) a procedure for obtaining assistance and reporting sexual assault while working in a remote scientific field camp, at sea, or in another field status.

(4) Easy and ready availability of information described in paragraph (3).

(5) Establishing a mechanism by which—

(A) questions regarding sexual assault can be confidentially asked and confidentially answered; and

(B) incidents of sexual assault can be confidentially reported.

(6) Protocols for the investigation of complaints by command and law enforcement personnel.

(7) Prohibiting retaliation and consequences for retaliatory actions against someone who reports a sexual assault.

(8) Oversight by the Under Secretary of administrative and disciplinary actions in response to substantiated incidents of sexual assault.

(9) *Victim advocacy, including establishment of and the responsibilities and training requirements for victim advocates as described in subsection (c).*

(10) *Availability of resources for victims of sexual assault within other Federal agencies and State, local, and national organizations.*

(c) *VICTIM ADVOCACY.—*

(1) *IN GENERAL.—The Secretary, acting through the Under Secretary, shall establish victim advocates to advocate for victims of sexual assaults involving employees of the Administration, members of the commissioned officer corps of the Administration, and individuals who work with or conduct business on behalf of the Administration.*

(2) *VICTIM ADVOCATES.—For purposes of this subsection, a victim advocate is an existing permanent employee of the Administration who—*

(A) *is trained in matters relating to sexual assault and the comprehensive policy developed under subsection (a); and*

(B) *serves as a victim advocate voluntarily and in addition to the employee's other duties as an employee of the Administration.*

(3) *PRIMARY DUTIES.—The primary duties of a victim advocate established under paragraph (1) shall include the following:*

(A) *Supporting victims of sexual assault and informing them of their rights and the resources available to them as victims.*

(B) *Acting as a companion in navigating investigative, medical, mental and emotional health, and recovery processes relating to sexual assault.*

(C) *Helping to identify resources to ensure the safety of victims of sexual assault.*

(4) *LOCATION.—The Secretary shall ensure that at least 1 victim advocate established under paragraph (1) is stationed—*

(A) *in each region in which the Administration conducts operations; and*

(B) *in each marine and aviation center of the Administration.*

(5) *HOTLINE.—*

(A) *IN GENERAL.—In carrying out this subsection, the Secretary shall provide a telephone number at which a victim of a sexual assault can contact a victim advocate.*

(B) *24-HOUR ACCESS.—The Secretary shall ensure that the telephone number established under subparagraph (A) is monitored at all times.*

(C) *PARTNERSHIP.—The Secretary shall, where possible, use established hotlines for purposes of this paragraph.*

(6) *FORMAL RELATIONSHIPS WITH OTHER ENTITIES.—The Secretary may enter into formal relationships with other entities to make available additional victim advocates.*

(d) *AVAILABILITY OF POLICY.—The Secretary shall ensure that the policy developed under subsection (a) is available to—*

(1) all employees of the Administration and members of the commissioned officer corps of the Administration, including those employees and members who conduct field work for the Administration; and

(2) the public.

(e) **CONSULTATION AND ASSISTANCE.**—In developing the policy required by subsection (a), the Secretary may consult or receive assistance from such State, local, and national organizations and subject matter experts as the Secretary considers appropriate.

SEC. 3543. RIGHTS OF THE VICTIM OF A SEXUAL ASSAULT.

A victim of a sexual assault covered by the comprehensive policy developed under section 3542(a) has the right to be reasonably protected from the accused.

SEC. 3544. CHANGE OF STATION.

(a) **CHANGE OF STATION, UNIT TRANSFER, OR CHANGE OF WORK LOCATION OF VICTIMS.**—

(1) **TIMELY CONSIDERATION AND ACTION UPON REQUEST.**—The Secretary of Commerce, acting through the Under Secretary for Oceans and Atmosphere, shall—

(A) in the case of a member of the commissioned officer corps of the National Oceanic and Atmospheric Administration who was a victim of a sexual assault, in order to reduce the possibility of retaliation or further sexual assault, provide for timely determination and action on an application submitted by the victim for consideration of a change of station or unit transfer of the victim; and

(B) in the case of an employee of the Administration who was a victim of a sexual assault, to the degree practicable and in order to reduce the possibility of retaliation against the employee for reporting the sexual assault, accommodate a request for a change of work location of the victim.

(2) **PROCEDURES.**—

(A) **PERIOD FOR APPROVAL AND DISAPPROVAL.**—The Secretary, acting through the Under Secretary, shall ensure that an application or request submitted under paragraph (1) for a change of station, unit transfer, or change of work location is approved or denied within 72 hours of the submission of the application or request.

(B) **REVIEW.**—If an application or request submitted under paragraph (1) by a victim of a sexual assault for a change of station, unit transfer, or change of work location of the victim is denied—

(i) the victim may request the Secretary to review the denial; and

(ii) the Secretary, acting through the Under Secretary, shall, not later than 72 hours after receiving such request, affirm or overturn the denial.

(b) **CHANGE OF STATION, UNIT TRANSFER, AND CHANGE OF WORK LOCATION OF ALLEGED PERPETRATORS.**—

(1) **IN GENERAL.**—The Secretary, acting through the Under Secretary, shall develop a policy for the protection of victims of sexual assault described in subsection (a)(1) by providing the alleged perpetrator of the sexual assault with a change of sta-

tion, unit transfer, or change of work location, as the case may be, if the alleged perpetrator is a member of the commissioned officer corps of the Administration or an employee of the Administration.

(2) *POLICY REQUIREMENTS.*—The policy required by paragraph (1) shall include the following:

(A) A means to control access to the victim.

(B) Due process for the victim and the alleged perpetrator.

(c) *REGULATIONS.*—

(1) *IN GENERAL.*—The Secretary shall promulgate regulations to carry out this section.

(2) *CONSISTENCY.*—When practicable, the Secretary shall make regulations promulgated under this section consistent with similar regulations promulgated by the Secretary of Defense.

SEC. 3545. APPLICABILITY OF POLICIES TO CREWS OF VESSELS SECURED BY NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION UNDER CONTRACT.

The Under Secretary for Oceans and Atmosphere shall ensure that each contract into which the Under Secretary enters for the use of a vessel by the National Oceanic and Atmospheric Administration that covers the crew of the vessel, if any, shall include as a condition of the contract a provision that subjects such crew to the policy developed under section 3541(a) and the comprehensive policy developed under section 3542(a).

SEC. 3546. ANNUAL REPORT ON SEXUAL ASSAULTS IN THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION.

(a) *IN GENERAL.*—Not later than January 15 of each year, the Secretary of Commerce shall submit to the Committee on Commerce, Science, and Transportation of the Senate and the Committee on Natural Resources of the House of Representatives a report on the sexual assaults involving employees of the National Oceanic and Atmospheric Administration, members of the commissioned officer corps of the Administration, and individuals who work with or conduct business on behalf of the Administration.

(b) *CONTENTS.*—Each report submitted under subsection (a) shall include, with respect to the previous calendar year, the following:

(1) The number of alleged sexual assaults involving employees, members, and individuals described in subsection (a).

(2) A synopsis of each case and the disciplinary action taken, if any, in each case.

(3) The policies, procedures, and processes implemented by the Secretary, and any updates or revisions to such policies, procedures, and processes.

(4) A summary of the reports received by the Under Secretary for Oceans and Atmosphere under section 3541(f).

(c) *PRIVACY PROTECTION.*—In preparing and submitting a report under subsection (a), the Secretary shall ensure that no individual involved in an alleged sexual assault can be identified by the contents of the report.

SEC. 3547. SEXUAL ASSAULT DEFINED.

In this subtitle, the term “sexual assault” shall have the meaning given such term in section 40002(a) of the Violence Against Women Act of 1994 (42 U.S.C. 13925(a)).

DIVISION D—FUNDING TABLES

Sec. 4001. Authorization of amounts in funding tables.

TITLE XLI—PROCUREMENT

Sec. 4101. Procurement.

Sec. 4102. Procurement for overseas contingency operations.

Sec. 4103. Procurement for overseas contingency operations for base requirements.

TITLE XLII—RESEARCH, DEVELOPMENT, TEST, AND EVALUATION

Sec. 4201. Research, development, test, and evaluation.

Sec. 4202. Research, development, test, and evaluation for overseas contingency operations.

Sec. 4203. Research, development, test, and evaluation for overseas contingency operations for base requirements.

TITLE XLIII—OPERATION AND MAINTENANCE

Sec. 4301. Operation and maintenance.

Sec. 4302. Operation and maintenance for overseas contingency operations.

Sec. 4303. Operation and maintenance for overseas contingency operations for base requirements.

TITLE XLIV—MILITARY PERSONNEL

Sec. 4401. Military personnel.

Sec. 4402. Military personnel for overseas contingency operations.

Sec. 4403. Military personnel for overseas contingency operations for base requirements.

TITLE XLV—OTHER AUTHORIZATIONS

Sec. 4501. Other authorizations.

Sec. 4502. Other authorizations for overseas contingency operations.

Sec. 4503. Other authorizations for overseas contingency operations for base requirements.

TITLE XLVI—MILITARY CONSTRUCTION

Sec. 4601. Military construction.

Sec. 4602. Military construction for overseas contingency operations.

Sec. 4603. Military construction for overseas contingency operations for base requirements.

TITLE XLVII—DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS

Sec. 4701. Department of Energy national security programs.

SEC. 4001. AUTHORIZATION OF AMOUNTS IN FUNDING TABLES.

(a) IN GENERAL.—Whenever a funding table in this division specifies a dollar amount authorized for a project, program, or activity, the obligation and expenditure of the specified dollar amount for the project, program, or activity is hereby authorized, subject to the availability of appropriations.

(b) MERIT-BASED DECISIONS.—A decision to commit, obligate, or expend funds with or to a specific entity on the basis of a dollar amount authorized pursuant to subsection (a) shall—

(1) be based on merit-based selection procedures in accordance with the requirements of sections 2304(k) and 2374 of title 10, United States Code, or on competitive procedures; and

(2) comply with other applicable provisions of law.

(c) RELATIONSHIP TO TRANSFER AND PROGRAMMING AUTHORITY.—An amount specified in the funding tables in this division may be transferred or reprogrammed under a transfer or re-

programming authority provided by another provision of this Act or by other law. The transfer or reprogramming of an amount specified in such funding tables shall not count against a ceiling on such transfers or reprogrammings under section 1001 or section 1522 of this Act or any other provision of law, unless such transfer or reprogramming would move funds between appropriation accounts.

(d) **APPLICABILITY TO CLASSIFIED ANNEX.**—This section applies to any classified annex that accompanies this Act.

(e) **ORAL AND WRITTEN COMMUNICATIONS.**—No oral or written communication concerning any amount specified in the funding tables in this division shall supersede the requirements of this section.

TITLE XLI—PROCUREMENT

SEC. 4101. PROCUREMENT.

SEC. 4101. PROCUREMENT <i>(In Thousands of Dollars)</i>			
Line	Item	FY 2017 Request	Conference Authorized
AIRCRAFT PROCUREMENT, ARMY			
FIXED WING			
001	UTILITY F/W AIRCRAFT	57,529	57,529
003	MQ-1 UAV	55,388	55,388
ROTARY			
006	AH-64 APACHE BLOCK IIIA REMAN	803,084	803,084
007	ADVANCE PROCUREMENT (CY)	185,160	185,160
008	UH-60 BLACKHAWK M MODEL (MYP)	755,146	755,146
009	ADVANCE PROCUREMENT (CY)	174,107	174,107
010	UH-60 BLACK HAWK A AND L MODELS	46,173	46,173
011	CH-47 HELICOPTER	556,257	556,257
012	ADVANCE PROCUREMENT (CY)	8,707	8,707
MODIFICATION OF AIRCRAFT			
013	MQ-1 PAYLOAD (MIP)	43,735	43,735
015	MULTI SENSOR ABN RECON (MIP)	94,527	94,527
016	AH-64 MODS	137,883	137,883
017	CH-47 CARGO HELICOPTER MODS (MYP)	102,943	102,943
018	GRCS SEMA MODS (MIP)	4,055	4,055
019	ARL SEMA MODS (MIP)	6,793	6,793
020	EMARSS SEMA MODS (MIP)	13,197	13,197
021	UTILITY/CARGO AIRPLANE MODS	17,526	17,526
022	UTILITY HELICOPTER MODS	10,807	10,807
023	NETWORK AND MISSION PLAN	74,752	74,752
024	COMMS, NAV SURVEILLANCE	69,960	69,960
025	GATM ROLLUP	45,302	45,302
026	RQ-7 UAV MODS	71,169	71,169
027	UAS MODS	21,804	21,804
GROUND SUPPORT AVIONICS			
028	AIRCRAFT SURVIVABILITY EQUIPMENT	67,377	67,377
029	SURVIVABILITY CM	9,565	9,565
030	CMWS	41,626	41,626
OTHER SUPPORT			
032	AVIONICS SUPPORT EQUIPMENT	7,007	7,007
033	COMMON GROUND EQUIPMENT	48,234	48,234
034	AIRCREW INTEGRATED SYSTEMS	30,297	30,297
035	AIR TRAFFIC CONTROL	50,405	50,405
036	INDUSTRIAL FACILITIES	1,217	1,217
037	LAUNCHER, 2.75 ROCKET	3,055	3,055
	TOTAL AIRCRAFT PROCUREMENT, ARMY.	3,614,787	3,614,787
MISSILE PROCUREMENT, ARMY			
SURFACE-TO-AIR MISSILE SYSTEM			
001	LOWER TIER AIR AND MISSILE DEFENSE (AMD).	126,470	126,470

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

<i>Line</i>	<i>Item</i>	<i>FY 2017 Request</i>	<i>Conference Authorized</i>
002	MSE MISSILE	423,201	423,201
003	ADVANCE PROCUREMENT (CY)	19,319	19,319
	AIR-TO-SURFACE MISSILE SYSTEM		
004	HELLFIRE SYS SUMMARY	42,013	42,013
005	JOINT AIR-TO-GROUND MSLs (JAGM)	64,751	64,751
006	ADVANCE PROCUREMENT (CY)	37,100	37,100
	ANTI-TANK/ASSAULT MISSILE SYS		
007	JAVELIN (AAWS-M) SYSTEM SUMMARY	73,508	72,904
	Engineering services cost growth		[-604]
008	TOW 2 SYSTEM SUMMARY	64,922	64,922
009	ADVANCE PROCUREMENT (CY)	19,949	10,716
	Advance procurement cost growth		[-9,233]
010	GUIDED MLRS ROCKET (GMLRS)	172,088	172,088
011	MLRS REDUCED RANGE PRACTICE ROCKETS (RRPR)	18,004	18,004
	MODIFICATIONS		
013	PATRIOT MODS	197,107	197,107
014	ATACMS MODS	150,043	150,043
015	GMLRS MOD	395	395
017	AVENGER MODS	33,606	33,606
018	ITAS/TOW MODS	383	383
019	MLRS MODS	34,704	34,704
020	HIMARS MODIFICATIONS	1,847	1,847
	SPARES AND REPAIR PARTS		
021	SPARES AND REPAIR PARTS	34,487	34,487
	SUPPORT EQUIPMENT & FACILITIES		
022	AIR DEFENSE TARGETS	4,915	4,915
024	PRODUCTION BASE SUPPORT	1,154	1,154
	TOTAL MISSILE PROCUREMENT, ARMY.	1,519,966	1,510,129
	PROCUREMENT OF W&TCV, ARMY TRACKED COMBAT VEHICLES		
001	STRYKER VEHICLE	71,680	71,680
	MODIFICATION OF TRACKED COMBAT VE- HICLES		
002	STRYKER (MOD)	74,348	74,348
003	STRYKER UPGRADE	444,561	433,561
	Early to need		[-11,000]
005	BRADLEY PROGRAM (MOD)	276,433	273,333
	Excess program management growth		[-3,100]
006	HOWITZER, MED SP FT 155MM M109A6 (MOD)	63,138	63,138
007	PALADIN INTEGRATED MANAGEMENT (PIM) ..	469,305	469,305
008	IMPROVED RECOVERY VEHICLE (M88A2 HER- CULES)	91,963	91,963
009	ASSAULT BRIDGE (MOD)	3,465	3,465
010	ASSAULT BREACHER VEHICLE	2,928	2,928
011	M88 FOV MODS	8,685	8,685
012	JOINT ASSAULT BRIDGE	64,752	64,752
013	M1 ABRAMS TANK (MOD)	480,166	480,166
014	ABRAMS UPGRADE PROGRAM		100,000
	Realign APS Unit Set Requirements from OCO		[100,000]
	WEAPONS & OTHER COMBAT VEHICLES		
016	INTEGRATED AIR BURST WEAPON SYSTEM FAMILY	9,764	9,764
017	MORTAR SYSTEMS	8,332	8,332
018	XM320 GRENADE LAUNCHER MODULE (GLM)	3,062	3,062
019	COMPACT SEMI-AUTOMATIC SNIPER SYSTEM	992	992
020	CARBINE	40,493	40,493
021	COMMON REMOTELY OPERATED WEAPONS STATION	25,164	25,164
	MOD OF WEAPONS AND OTHER COMBAT VEH		
022	MK-19 GRENADE MACHINE GUN MODS	4,959	4,959

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2017 Request	Conference Authorized
023	M777 MODS	11,913	11,913
024	M4 CARBINE MODS	29,752	29,752
025	M2 50 CAL MACHINE GUN MODS	48,582	48,582
026	M249 SAW MACHINE GUN MODS	1,179	1,179
027	M240 MEDIUM MACHINE GUN MODS	1,784	1,784
028	SNIPER RIFLES MODIFICATIONS	971	971
029	M119 MODIFICATIONS	6,045	6,045
030	MORTAR MODIFICATION	12,118	12,118
031	MODIFICATIONS LESS THAN \$5.0M (WOCV- WTCV).	3,157	3,157
	SUPPORT EQUIPMENT & FACILITIES		
032	ITEMS LESS THAN \$5.0M (WOCV-WTCV)	2,331	2,331
035	SMALL ARMS EQUIPMENT (SOLDIER ENH PROG).	3,155	3,155
	TOTAL PROCUREMENT OF W&TCV, ARMY.	2,265,177	2,351,077
	PROCUREMENT OF AMMUNITION, ARMY		
	SMALL/MEDIUM CAL AMMUNITION		
001	CTG, 5.56MM, ALL TYPES	40,296	40,296
002	CTG, 7.62MM, ALL TYPES	39,237	39,237
003	CTG, HANDGUN, ALL TYPES	5,193	5,193
004	CTG, .50 CAL, ALL TYPES	46,693	46,693
005	CTG, 20MM, ALL TYPES	7,000	7,000
006	CTG, 25MM, ALL TYPES	7,753	6,453
	Program reduction		[-1,300]
007	CTG, 30MM, ALL TYPES	47,000	47,000
008	CTG, 40MM, ALL TYPES	118,178	111,824
	Early to need		[-6,354]
	MORTAR AMMUNITION		
009	60MM MORTAR, ALL TYPES	69,784	69,784
010	81MM MORTAR, ALL TYPES	36,125	36,125
011	120MM MORTAR, ALL TYPES	69,133	69,133
	TANK AMMUNITION		
012	CARTRIDGES, TANK, 105MM AND 120MM, ALL TYPES.	120,668	117,868
	Early to need		[-2,800]
	ARTILLERY AMMUNITION		
013	ARTILLERY CARTRIDGES, 75MM & 105MM, ALL TYPES.	64,800	61,300
	75mm blanks early to need		[-3,500]
014	ARTILLERY PROJECTILE, 155MM, ALL TYPES	109,515	109,515
015	PROJ 155MM EXTENDED RANGE M982	39,200	39,200
016	ARTILLERY PROPELLANTS, FUZES AND PRIM- ERS, ALL.	70,881	70,881
	ROCKETS		
019	SHOULDER LAUNCHED MUNITIONS, ALL TYPES.	38,000	38,000
020	ROCKET, HYDRA 70, ALL TYPES	87,213	87,213
	OTHER AMMUNITION		
021	CAD/PAD, ALL TYPES	4,914	4,914
022	DEMOLITION MUNITIONS, ALL TYPES	6,380	6,380
023	GRENADES, ALL TYPES	22,760	22,760
024	SIGNALS, ALL TYPES	10,666	10,666
025	SIMULATORS, ALL TYPES	7,412	7,412
	MISCELLANEOUS		
026	AMMO COMPONENTS, ALL TYPES	12,726	12,726
027	NON-LETHAL AMMUNITION, ALL TYPES	6,100	5,900
	Early to need		[-200]
028	ITEMS LESS THAN \$5 MILLION (AMMO)	10,006	9,506
	Early to need		[-500]
029	AMMUNITION PECULIAR EQUIPMENT	17,275	13,575
	Early to need		[-3,700]

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

<i>Line</i>	<i>Item</i>	<i>FY 2017 Request</i>	<i>Conference Authorized</i>
030	FIRST DESTINATION TRANSPORTATION (AMMO).	14,951	14,951
	PRODUCTION BASE SUPPORT		
032	INDUSTRIAL FACILITIES	222,269	242,269
	Program increase		[20,000]
033	CONVENTIONAL MUNITIONS DEMILITARIZA- TION.	157,383	157,383
034	ARMS INITIATIVE	3,646	3,646
	TOTAL PROCUREMENT OF AMMUNI- TION, ARMY.	1,513,157	1,514,803
	OTHER PROCUREMENT, ARMY		
	TACTICAL VEHICLES		
001	TACTICAL TRAILERS/DOLLY SETS	3,733	3,733
002	SEMITRAILERS, FLATBED:	3,716	3,716
003	HI MOB MULTI-PURP WHLD VEH (HMMWV) HMMWV M997A3 ambulance recapitalization for Active Component.		50,000
			[50,000]
004	GROUND MOBILITY VEHICLES (GMV)	4,907	4,907
006	JOINT LIGHT TACTICAL VEHICLE	587,514	587,514
007	TRUCK, DUMP, 20T (CCE)	3,927	3,927
008	FAMILY OF MEDIUM TACTICAL VEH (FMTV) ...	53,293	53,293
009	FIRETRUCKS & ASSOCIATED FIREFIGHTING EQUIP.	7,460	7,460
010	FAMILY OF HEAVY TACTICAL VEHICLES (FHTV).	39,564	39,564
011	PLS ESP	11,856	11,856
013	TACTICAL WHEELED VEHICLE PROTECTION KITS.	49,751	49,751
014	MODIFICATION OF IN SVC EQUIP	64,000	54,000
	Program reduction		[-10,000]
015	MINE-RESISTANT AMBUSH-PROTECTED (MRAP) MODS.	10,611	10,611
	NON-TACTICAL VEHICLES		
016	HEAVY ARMORED SEDAN	394	394
018	NONTACTICAL VEHICLES, OTHER	1,755	1,755
	COMM—JOINT COMMUNICATIONS		
019	WIN-T—GROUND FORCES TACTICAL NET- WORK.	427,598	427,598
020	SIGNAL MODERNIZATION PROGRAM	58,250	58,250
021	JOINT INCIDENT SITE COMMUNICATIONS CAPABILITY.	5,749	5,749
022	JCSE EQUIPMENT (USREDCOM)	5,068	5,068
	COMM—SATELLITE COMMUNICATIONS		
023	DEFENSE ENTERPRISE WIDEBAND SATCOM SYSTEMS.	143,805	143,805
024	TRANSPORTABLE TACTICAL COMMAND COM- MUNICATIONS.	36,580	36,580
025	SHF TERM	1,985	1,985
027	SMART-T (SPACE)	9,165	9,165
	COMM—C3 SYSTEM		
031	ARMY GLOBAL CMD & CONTROL SYS (AGCCS)	2,530	2,530
	COMM—COMBAT COMMUNICATIONS		
033	HANDHELD MANPACK SMALL FORM FIT (HMS).	273,645	273,645
034	MID-TIER NETWORKING VEHICULAR RADIO (MNVN).	25,017	25,017
035	RADIO TERMINAL SET, MIDS LVT(2)	12,326	12,326
037	TRACTOR DESK	2,034	2,034
038	TRACTOR RIDE	2,334	2,334
039	SPIDER APLA REMOTE CONTROL UNIT	1,985	1,985
040	SPIDER FAMILY OF NETWORKED MUNITIONS INCR.	10,796	10,796

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

<i>Line</i>	<i>Item</i>	<i>FY 2017 Request</i>	<i>Conference Authorized</i>
042	TACTICAL COMMUNICATIONS AND PROTECTIVE SYSTEM.	3,607	3,607
043	UNIFIED COMMAND SUITE	14,295	14,295
045	FAMILY OF MED COMM FOR COMBAT CASUALTY CARE.	19,893	19,893
	COMM—INTELLIGENCE COMM		
047	CI AUTOMATION ARCHITECTURE	1,388	1,388
048	ARMY CA/MISO GPF EQUIPMENT	5,494	5,494
	INFORMATION SECURITY		
049	FAMILY OF BIOMETRICS	2,978	2,978
051	COMMUNICATIONS SECURITY (COMSEC)	131,356	131,356
052	DEFENSIVE CYBER OPERATIONS	15,132	15,132
	COMM—LONG HAUL COMMUNICATIONS		
053	BASE SUPPORT COMMUNICATIONS	27,452	27,452
	COMM—BASE COMMUNICATIONS		
054	INFORMATION SYSTEMS	122,055	122,055
055	EMERGENCY MANAGEMENT MODERNIZATION PROGRAM.	4,286	4,286
056	INSTALLATION INFO INFRASTRUCTURE MOD PROGRAM.	131,794	131,794
	ELECT EQUIP—TACT INT REL ACT (TIARA)		
059	JTT/CIBS-M	5,337	5,337
062	DCGS-A (MIP)	242,514	217,814
	Program reduction		[-24,700]
063	JOINT TACTICAL GROUND STATION (JTAGS)	4,417	4,417
064	TROJAN (MIP)	17,455	17,455
065	MOD OF IN-SVC EQUIP (INTEL SPT) (MIP)	44,965	44,965
066	CI HUMINT AUTO REPRTING AND COLL(CHARCS).	7,658	7,658
067	CLOSE ACCESS TARGET RECONNAISSANCE (CATR).	7,970	7,970
068	MACHINE FOREIGN LANGUAGE TRANSLATION SYSTEM-M.	545	545
	ELECT EQUIP—ELECTRONIC WARFARE (EW)		
070	LIGHTWEIGHT COUNTER MORTAR RADAR	74,038	68,453
	Unit cost growth		[-5,585]
071	EW PLANNING & MANAGEMENT TOOLS (EWPMT).	3,235	3,235
072	AIR VIGILANCE (AV)	733	733
074	FAMILY OF PERSISTENT SURVEILLANCE CAPABILITIE.	1,740	1,740
075	COUNTERINTELLIGENCE/SECURITY COUNTERMEASURES.	455	455
076	CI MODERNIZATION	176	176
	ELECT EQUIP—TACTICAL SURV. (TAC SURV)		
077	SENTINEL MODS	40,171	40,171
078	NIGHT VISION DEVICES	163,029	163,029
079	SMALL TACTICAL OPTICAL RIFLE MOUNTED MLRF.	15,885	15,885
080	INDIRECT FIRE PROTECTION FAMILY OF SYSTEMS.	48,427	48,427
081	FAMILY OF WEAPON SIGHTS (FWS)	55,536	55,536
082	ARTILLERY ACCURACY EQUIP	4,187	4,187
085	JOINT BATTLE COMMAND—PLATFORM (JBC-P).	137,501	137,501
086	JOINT EFFECTS TARGETING SYSTEM (JETS)	50,726	50,726
087	MOD OF IN-SVC EQUIP (LLDR)	28,058	28,058
088	COMPUTER BALLISTICS: LHMBC XM32	5,924	5,924
089	MORTAR FIRE CONTROL SYSTEM	22,331	22,331
090	COUNTERFIRE RADARS	314,509	281,509
	Unit cost savings		[-33,000]
	ELECT EQUIP—TACTICAL C2 SYSTEMS		

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

<i>Line</i>	<i>Item</i>	<i>FY 2017 Request</i>	<i>Conference Authorized</i>
091	FIRE SUPPORT C2 FAMILY	8,660	8,660
092	AIR & MSL DEFENSE PLANNING & CONTROL SYS.	54,376	54,376
093	IAMD BATTLE COMMAND SYSTEM	204,969	204,969
094	LIFE CYCLE SOFTWARE SUPPORT (LCSS)	4,718	4,718
095	NETWORK MANAGEMENT INITIALIZATION AND SERVICE.	11,063	11,063
096	MANEUVER CONTROL SYSTEM (MCS)	151,318	151,318
097	GLOBAL COMBAT SUPPORT SYSTEM-ARMY (GCSS-A).	155,660	155,660
098	INTEGRATED PERSONNEL AND PAY SYSTEM- ARMY (IPP).	4,214	4,214
099	RECONNAISSANCE AND SURVEYING INSTRU- MENT SET.	16,185	16,185
100	MOD OF IN-SVC EQUIPMENT (ENFIRE)	1,565	1,565
	ELECT EQUIP—AUTOMATION		
101	ARMY TRAINING MODERNIZATION	17,693	17,693
102	AUTOMATED DATA PROCESSING EQUIP	107,960	107,960
103	GENERAL FUND ENTERPRISE BUSINESS SYS- TEMS FAM.	6,416	6,416
104	HIGH PERF COMPUTING MOD PGM (HPCMP) ..	58,614	58,614
105	CONTRACT WRITING SYSTEM	986	986
106	RESERVE COMPONENT AUTOMATION SYS (RCAS).	23,828	23,828
	ELECT EQUIP—AUDIO VISUAL SYS (AV)		
107	TACTICAL DIGITAL MEDIA	1,191	1,191
108	ITEMS LESS THAN \$5M (SURVEYING EQUIP- MENT).	1,995	1,995
	ELECT EQUIP—SUPPORT		
109	PRODUCTION BASE SUPPORT (C-E)	403	403
	CLASSIFIED PROGRAMS		
110A	CLASSIFIED PROGRAMS	4,436	4,436
	CHEMICAL DEFENSIVE EQUIPMENT		
111	PROTECTIVE SYSTEMS	2,966	2,966
112	FAMILY OF NON-LETHAL EQUIPMENT (FNLE)	9,795	9,795
114	CBRN DEFENSE	17,922	17,922
	BRIDGING EQUIPMENT		
115	TACTICAL BRIDGING	13,553	13,553
116	TACTICAL BRIDGE, FLOAT-RIBBON	25,244	25,244
117	BRIDGE SUPPLEMENTAL SET	983	983
118	COMMON BRIDGE TRANSPORTER (CBT) RECAP.	25,176	25,176
	ENGINEER (NON-CONSTRUCTION) EQUIP- MENT		
119	GRND STANDOFF MINE DETECTN SYSM (GSTAMIDS).	39,350	39,350
120	AREA MINE DETECTION SYSTEM (AMDS)	10,500	10,500
121	HUSKY MOUNTED DETECTION SYSTEM (HMDS).	274	274
122	ROBOTIC COMBAT SUPPORT SYSTEM (RCSS)	2,951	2,951
123	EOD ROBOTICS SYSTEMS RECAPITALIZATION	1,949	1,949
124	ROBOTICS AND APPLIQUE SYSTEMS	5,203	5,203
125	EXPLOSIVE ORDNANCE DISPOSAL EQPMT (EOD EQPMT).	5,570	5,570
126	REMOTE DEMOLITION SYSTEMS	6,238	6,238
127	< \$5M, COUNTERMINE EQUIPMENT	836	836
128	FAMILY OF BOATS AND MOTORS	3,171	3,171
	COMBAT SERVICE SUPPORT EQUIPMENT		
129	HEATERS AND ECU'S	18,707	18,707
130	SOLDIER ENHANCEMENT	2,112	2,112
131	PERSONNEL RECOVERY SUPPORT SYSTEM (PRSS).	10,856	10,856
132	GROUND SOLDIER SYSTEM	32,419	32,419
133	MOBILE SOLDIER POWER	30,014	30,014

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

<i>Line</i>	<i>Item</i>	<i>FY 2017 Request</i>	<i>Conference Authorized</i>
135	FIELD FEEDING EQUIPMENT	12,544	12,544
136	CARGO AERIAL DEL & PERSONNEL PARACHUTE SYSTEM.	18,509	18,509
137	FAMILY OF ENGR COMBAT AND CONSTRUCTION SETS.	29,384	29,384
	PETROLEUM EQUIPMENT		
139	QUALITY SURVEILLANCE EQUIPMENT	4,487	4,487
140	DISTRIBUTION SYSTEMS, PETROLEUM & WATER.	42,656	35,656
	Program decrease		[-7,000]
	MEDICAL EQUIPMENT		
141	COMBAT SUPPORT MEDICAL	59,761	59,761
	MAINTENANCE EQUIPMENT		
142	MOBILE MAINTENANCE EQUIPMENT SYSTEMS.	35,694	32,194
	Program reduction		[-3,500]
143	ITEMS LESS THAN \$5.0M (MAINT EQ)	2,716	2,716
	CONSTRUCTION EQUIPMENT		
144	GRADER, ROAD MTZD, HVY, 6X4 (CCE)	1,742	1,742
145	SCRAPERS, EARTHMOVING	26,233	26,233
147	HYDRAULIC EXCAVATOR	1,123	1,123
149	ALL TERRAIN CRANES	65,285	65,285
151	HIGH MOBILITY ENGINEER EXCAVATOR (HMEE).	1,743	1,743
152	ENHANCED RAPID AIRFIELD CONSTRUCTION CAPAP.	2,779	2,779
154	CONST EQUIP ESP	26,712	22,212
	Program reduction		[-4,500]
155	ITEMS LESS THAN \$5.0M (CONST EQUIP)	6,649	6,649
	RAIL FLOAT CONTAINERIZATION EQUIPMENT		
156	ARMY WATERCRAFT ESP	21,860	21,860
157	ITEMS LESS THAN \$5.0M (FLOAT/RAIL)	1,967	1,967
	GENERATORS		
158	GENERATORS AND ASSOCIATED EQUIP	113,266	113,266
159	TACTICAL ELECTRIC POWER RECAPITALIZATION.	7,867	7,867
	MATERIAL HANDLING EQUIPMENT		
160	FAMILY OF FORKLIFTS	2,307	2,307
	TRAINING EQUIPMENT		
161	COMBAT TRAINING CENTERS SUPPORT	75,359	75,359
162	TRAINING DEVICES, NONSYSTEM	253,050	253,050
163	CLOSE COMBAT TACTICAL TRAINER	48,271	48,271
164	AVIATION COMBINED ARMS TACTICAL TRAINER.	40,000	40,000
165	GAMING TECHNOLOGY IN SUPPORT OF ARMY TRAINING.	11,543	11,543
	TEST MEASURE AND DIG EQUIPMENT (TMD)		
166	CALIBRATION SETS EQUIPMENT	4,963	4,963
167	INTEGRATED FAMILY OF TEST EQUIPMENT (IFTE).	29,781	29,781
168	TEST EQUIPMENT MODERNIZATION (TEMOD)	6,342	6,342
	OTHER SUPPORT EQUIPMENT		
169	M25 STABILIZED BINOCULAR	3,149	3,149
170	RAPID EQUIPPING SOLDIER SUPPORT EQUIPMENT.	18,003	18,003
171	PHYSICAL SECURITY SYSTEMS (OPA3)	44,082	44,082
172	BASE LEVEL COMMON EQUIPMENT	2,168	2,168
173	MODIFICATION OF IN-SVC EQUIPMENT (OPA-3).	67,367	67,367
174	PRODUCTION BASE SUPPORT (OTH)	1,528	1,528
175	SPECIAL EQUIPMENT FOR USER TESTING	8,289	8,289
177	TRACTOR YARD	6,888	6,888

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

<i>Line</i>	<i>Item</i>	<i>FY 2017 Request</i>	<i>Conference Authorized</i>
	OPA2		
179	INITIAL SPARES—C&E	27,243	27,243
	TOTAL OTHER PROCUREMENT, ARMY	5,873,949	5,835,664
	AIRCRAFT PROCUREMENT, NAVY		
	COMBAT AIRCRAFT		
003	JOINT STRIKE FIGHTER CV	890,650	890,650
004	ADVANCE PROCUREMENT (CY)	80,908	80,908
005	JSF STOVL	2,037,768	2,037,768
006	ADVANCE PROCUREMENT (CY)	233,648	233,648
007	CH-53K (HEAVY LIFT)	348,615	348,615
008	ADVANCE PROCUREMENT (CY)	88,365	88,365
009	V-22 (MEDIUM LIFT)	1,264,134	1,249,134
	Support cost growth		[-15,000]
010	ADVANCE PROCUREMENT (CY)	19,674	19,674
011	H-1 UPGRADES (UH-1Y/AH-1Z)	759,778	756,586
	Airframe unit cost growth		[-3,192]
012	ADVANCE PROCUREMENT (CY)	57,232	57,232
014	MH-60R (MYP)	61,177	53,177
	Line shutdown costs—early to need		[-8,000]
016	P-8A POSEIDON	1,940,238	1,863,238
	Airframe unit cost growth		[-77,000]
017	ADVANCE PROCUREMENT (CY)	123,140	123,140
018	E-2D ADV HAWKEYE	916,483	916,483
019	ADVANCE PROCUREMENT (CY)	125,042	125,042
	TRAINER AIRCRAFT		
020	JPATS	5,849	5,849
	OTHER AIRCRAFT		
021	KC-130J	128,870	128,870
022	ADVANCE PROCUREMENT (CY)	24,848	24,848
023	MQ-4 TRITON	409,005	396,125
	Unit cost savings		[-12,880]
024	ADVANCE PROCUREMENT (CY)	55,652	55,652
025	MQ-8 UAV	72,435	72,435
	MODIFICATION OF AIRCRAFT		
029	AEA SYSTEMS	51,900	51,900
030	AV-8 SERIES	60,818	60,818
031	ADVERSARY	5,191	5,191
032	F-18 SERIES	1,023,492	986,192
	Unobligated balances		[-37,300]
034	H-53 SERIES	46,095	46,095
035	SH-60 SERIES	108,328	108,328
036	H-1 SERIES	46,333	46,333
037	EP-3 SERIES	14,681	14,681
038	P-3 SERIES	2,781	2,781
039	E-2 SERIES	32,949	32,949
040	TRAINER A/C SERIES	13,199	13,199
041	C-2A	19,066	19,066
042	C-130 SERIES	61,788	59,788
	Training equipment unjustified growth (OSIP 022-07)		[-2,000]
043	FEWSG	618	618
044	CARGO/TRANSPORT A/C SERIES	9,822	9,822
045	E-6 SERIES	222,077	222,077
046	EXECUTIVE HELICOPTERS SERIES	66,835	66,835
047	SPECIAL PROJECT AIRCRAFT	16,497	16,497
048	T-45 SERIES	114,887	114,887
049	POWER PLANT CHANGES	16,893	14,893
	Excess support growth		[-2,000]
050	JPATS SERIES	17,401	17,401
051	COMMON ECM EQUIPMENT	143,773	143,773
052	COMMON AVIONICS CHANGES	164,839	164,839
053	COMMON DEFENSIVE WEAPON SYSTEM	4,403	4,403
054	ID SYSTEMS	45,768	45,768

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

<i>Line</i>	<i>Item</i>	<i>FY 2017 Request</i>	<i>Conference Authorized</i>
055	P-8 SERIES	18,836	18,836
056	MAGTF EW FOR AVIATION	5,676	5,676
057	MQ-8 SERIES	19,003	19,003
058	RQ-7 SERIES	3,534	3,534
059	V-22 (TILT/ROTOR ACFT) OSPREY	141,545	141,545
060	F-35 STOVL SERIES	34,928	34,928
061	F-35 CV SERIES	26,004	26,004
062	QRC	5,476	5,476
	AIRCRAFT SPARES AND REPAIR PARTS		
063	SPARES AND REPAIR PARTS	1,407,626	1,407,626
	AIRCRAFT SUPPORT EQUIP & FACILITIES		
064	COMMON GROUND EQUIPMENT	390,103	390,103
065	AIRCRAFT INDUSTRIAL FACILITIES	23,194	23,194
066	WAR CONSUMABLES	40,613	40,613
067	OTHER PRODUCTION CHARGES	860	860
068	SPECIAL SUPPORT EQUIPMENT	36,282	36,282
069	FIRST DESTINATION TRANSPORTATION	1,523	1,523
	TOTAL AIRCRAFT PROCUREMENT, NAVY.	14,109,148	13,951,776
	WEAPONS PROCUREMENT, NAVY		
	MODIFICATION OF MISSILES		
001	TRIDENT II MODS	1,103,086	1,103,086
	SUPPORT EQUIPMENT & FACILITIES		
002	MISSILE INDUSTRIAL FACILITIES	6,776	6,776
	STRATEGIC MISSILES		
003	TOMAHAWK	186,905	179,905
	Tomahawk unit cost growth		[-7,000]
	TACTICAL MISSILES		
004	AMRAAM	204,697	197,447
	Unit cost growth		[-7,250]
005	SIDEWINDER	70,912	70,912
006	JSOW	2,232	2,232
007	STANDARD MISSILE	501,212	497,968
	Diminishing manufacturing sources excess growth.		[-3,244]
008	RAM	71,557	71,557
009	JOINT AIR GROUND MISSILE (JAGM)	26,200	21,922
	Unit cost savings		[-4,278]
012	STAND OFF PRECISION GUIDED MUNITIONS (SOPGM)	3,316	3,316
013	AERIAL TARGETS	137,484	137,484
014	OTHER MISSILE SUPPORT	3,248	3,248
015	LRASM	29,643	29,643
	MODIFICATION OF MISSILES		
016	ESSM	52,935	52,935
018	HARM MODS	178,213	178,213
019	STANDARD MISSILES MODS	8,164	8,164
	SUPPORT EQUIPMENT & FACILITIES		
020	WEAPONS INDUSTRIAL FACILITIES	1,964	1,964
021	FLEET SATELLITE COMM FOLLOW-ON	36,723	36,723
	ORDNANCE SUPPORT EQUIPMENT		
022	ORDNANCE SUPPORT EQUIPMENT	59,096	59,096
	TORPEDOES AND RELATED EQUIP		
023	SSTD	5,910	5,910
024	MK-48 TORPEDO	44,537	44,537
025	ASW TARGETS	9,302	9,302
	MOD OF TORPEDOES AND RELATED EQUIP		
026	MK-54 TORPEDO MODS	98,092	98,092
027	MK-48 TORPEDO ADCAP MODS	46,139	46,139
028	QUICKSTRIKE MINE	1,236	1,236
	SUPPORT EQUIPMENT		
029	TORPEDO SUPPORT EQUIPMENT	60,061	60,061
030	ASW RANGE SUPPORT	3,706	3,706

SEC. 4101. PROCUREMENT <i>(In Thousands of Dollars)</i>			
Line	Item	FY 2017 Request	Conference Authorized
	DESTINATION TRANSPORTATION		
031	FIRST DESTINATION TRANSPORTATION	3,804	3,804
	GUNS AND GUN MOUNTS		
032	SMALL ARMS AND WEAPONS	18,002	18,002
	MODIFICATION OF GUNS AND GUN MOUNTS		
033	CIWS MODS	50,900	50,900
034	COAST GUARD WEAPONS	25,295	25,295
035	GUN MOUNT MODS	77,003	77,003
036	LCS MODULE WEAPONS	2,776	2,776
038	AIRBORNE MINE NEUTRALIZATION SYSTEMS SPARES AND REPAIR PARTS	15,753	15,753
040	SPARES AND REPAIR PARTS	62,383	62,383
	TOTAL WEAPONS PROCUREMENT, NAVY.	3,209,262	3,187,490
	PROCUREMENT OF AMMO, NAVY & MC		
	NAVY AMMUNITION		
001	GENERAL PURPOSE BOMBS	91,659	91,659
002	AIRBORNE ROCKETS, ALL TYPES	65,759	65,759
003	MACHINE GUN AMMUNITION	8,152	8,152
004	PRACTICE BOMBS	41,873	41,873
005	CARTRIDGES & CART ACTUATED DEVICES	54,002	54,002
006	AIR EXPENDABLE COUNTERMEASURES	57,034	57,034
007	JATOS	2,735	2,735
009	5 INCH / 54 GUN AMMUNITION	19,220	19,220
010	INTERMEDIATE CALIBER GUN AMMUNITION	30,196	30,196
011	OTHER SHIP GUN AMMUNITION	39,009	39,009
012	SMALL ARMS & LANDING PARTY AMMO	46,727	46,727
013	PYROTECHNIC AND DEMOLITION	9,806	9,806
014	AMMUNITION LESS THAN \$5 MILLION	2,900	2,900
	MARINE CORPS AMMUNITION		
015	SMALL ARMS AMMUNITION	27,958	27,958
017	40 MM, ALL TYPES	14,758	14,758
018	60MM, ALL TYPES	992	992
020	120MM, ALL TYPES	16,757	12,157
	120mm early to need		[-4,600]
021	GRENADES, ALL TYPES	972	972
022	ROCKETS, ALL TYPES	14,186	14,186
023	ARTILLERY, ALL TYPES	68,656	68,656
024	DEMOLITION MUNITIONS, ALL TYPES	1,700	1,700
025	FUZE, ALL TYPES	26,088	26,088
027	AMMO MODERNIZATION	14,660	14,660
028	ITEMS LESS THAN \$5 MILLION	8,569	6,069
	Early to need		[-2,500]
	TOTAL PROCUREMENT OF AMMO, NAVY & MC.	664,368	657,268
	SHIPBUILDING AND CONVERSION, NAVY		
	FLEET BALLISTIC MISSILE SHIPS		
001	OHIO REPLACEMENT SUBMARINE ADVANCE PROCUREMENT.	773,138	773,138
	OTHER WARSHIPS		
002	CARRIER REPLACEMENT PROGRAM	1,291,783	1,291,783
003	ADVANCE PROCUREMENT (CY)	1,370,784	1,370,784
004	VIRGINIA CLASS SUBMARINE	3,187,985	3,187,985
005	ADVANCE PROCUREMENT (CY)	1,767,234	1,852,234
	Long-lead Time Materiel Orders for Virginia Class.		[85,000]
006	CVN REFUELING OVERHAULS	1,743,220	1,743,220
007	ADVANCE PROCUREMENT (CY)	248,599	248,599
008	DDG 1000	271,756	271,756
009	DDG-51	3,211,292	3,261,092
	Fund additional FY16 destroyer		[49,800]

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2017 Request	Conference Authorized
011	LITTORAL COMBAT SHIP	1,125,625	1,097,625
	Unjustified growth		[-28,000]
	AMPHIBIOUS SHIPS		
012A	AMPHIBIOUS SHIP REPLACEMENT LX(R)		440,000
	Procurement of LPD-29 or LX (R)		[440,000]
016	LHA REPLACEMENT	1,623,024	1,623,024
	AUXILIARIES, CRAFT AND PRIOR YR PROGRAM COST		
020	ADVANCE PROCUREMENT (CY)	73,079	73,079
022	MOORED TRAINING SHIP	624,527	624,527
025	OUTFITTING	666,158	645,054
	Outfitting and post delivery funds early to need		[-21,104]
026	SHIP TO SHORE CONNECTOR	128,067	128,067
027	SERVICE CRAFT	65,192	65,192
028	LCAC SLEP	1,774	1,774
029	YP CRAFT MAINTENANCE/ROH/SLEP	21,363	21,363
030	COMPLETION OF PY SHIPBUILDING PROGRAMS.	160,274	160,274
	TOTAL SHIPBUILDING AND CONVERSION, NAVY.	18,354,874	18,880,570
	OTHER PROCUREMENT, NAVY		
	SHIP PROPULSION EQUIPMENT		
003	SURFACE POWER EQUIPMENT	15,514	15,514
004	HYBRID ELECTRIC DRIVE (HED)	40,132	39,282
	Installation early to need		[-850]
	GENERATORS		
005	SURFACE COMBATANT HM&E	29,974	29,974
	NAVIGATION EQUIPMENT		
006	OTHER NAVIGATION EQUIPMENT	63,942	63,942
	OTHER SHIPBOARD EQUIPMENT		
008	SUB PERISCOPE, IMAGING AND SUPT EQUIP PROG.	136,421	136,421
009	DDG MOD	367,766	367,766
010	FIREFIGHTING EQUIPMENT	14,743	14,743
011	COMMAND AND CONTROL SWITCHBOARD	2,140	2,140
012	LHA/LHD MIDLIFE	24,939	24,939
014	POLLUTION CONTROL EQUIPMENT	20,191	19,342
	HF062 lightering systems unit cost growth		[-849]
015	SUBMARINE SUPPORT EQUIPMENT	8,995	8,995
016	VIRGINIA CLASS SUPPORT EQUIPMENT	66,838	66,838
017	LCS CLASS SUPPORT EQUIPMENT	54,823	54,823
018	SUBMARINE BATTERIES	23,359	23,359
019	LPD CLASS SUPPORT EQUIPMENT	40,321	40,321
020	DDG 1000 CLASS SUPPORT EQUIPMENT	33,404	33,404
021	STRATEGIC PLATFORM SUPPORT EQUIP	15,836	15,836
022	DSSP EQUIPMENT	806	806
024	LCAC	3,090	3,090
025	UNDERWATER EOD PROGRAMS	24,350	24,350
026	ITEMS LESS THAN \$5 MILLION	88,719	86,899
	LSD boat davit kit cost growth		[-993]
	Propellers and shafts unit cost growth		[-827]
027	CHEMICAL WARFARE DETECTORS	2,873	2,873
028	SUBMARINE LIFE SUPPORT SYSTEM	6,043	6,043
	REACTOR PLANT EQUIPMENT		
030	REACTOR COMPONENTS	342,158	342,158
	OCEAN ENGINEERING		
031	DIVING AND SALVAGE EQUIPMENT	8,973	8,973
	SMALL BOATS		
032	STANDARD BOATS	43,684	43,684
	PRODUCTION FACILITIES EQUIPMENT		
034	OPERATING FORCES IPE	75,421	75,421
	OTHER SHIP SUPPORT		
035	NUCLEAR ALTERATIONS	172,718	172,718

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2017 Request	Conference Authorized
036	LCS COMMON MISSION MODULES EQUIPMENT.	27,840	17,840
	RMMV program restructure		[-10,000]
037	LCS MCM MISSION MODULES	57,146	57,146
038	LCS ASW MISSION MODULES	31,952	21,952
	Early to need		[-10,000]
039	LCS SUW MISSION MODULES	22,466	21,064
	MK-46 gun weapon system contract delays		[-1,402]
	LOGISTIC SUPPORT		
041	LSD MIDLIFE	10,813	10,813
	SHIP SONARS		
042	SPQ-9B RADAR	14,363	14,363
043	AN/SQQ-89 SURF ASW COMBAT SYSTEM	90,029	90,029
045	SSN ACOUSTIC EQUIPMENT	248,765	248,765
046	UNDERSEA WARFARE SUPPORT EQUIPMENT	7,163	7,163
	ASW ELECTRONIC EQUIPMENT		
048	SUBMARINE ACOUSTIC WARFARE SYSTEM	21,291	21,291
049	SSTD	6,893	6,893
050	FIXED SURVEILLANCE SYSTEM	145,701	145,701
051	SURTASS	36,136	36,136
	ELECTRONIC WARFARE EQUIPMENT		
053	AN/SLQ-32	274,892	266,641
	Block 3 excess support		[-4,270]
	Block 3T excess support		[-1,000]
	Block 3T installation prior year carryover		[-2,981]
	RECONNAISSANCE EQUIPMENT		
054	SHIPBOARD IW EXPLOIT	170,733	170,733
055	AUTOMATED IDENTIFICATION SYSTEM (AIS)	958	958
	OTHER SHIP ELECTRONIC EQUIPMENT		
057	COOPERATIVE ENGAGEMENT CAPABILITY	22,034	22,034
059	NAVAL TACTICAL COMMAND SUPPORT SYSTEM (NTCSS).	12,336	12,336
060	ATDLS	30,105	30,105
061	NAVY COMMAND AND CONTROL SYSTEM (NCCS).	4,556	4,556
062	MINESWEEPING SYSTEM REPLACEMENT	56,675	32,198
	Ahead of need		[-24,477]
063	SHALLOW WATER MCM	8,875	8,875
064	NAVSTAR GPS RECEIVERS (SPACE)	12,752	12,752
065	AMERICAN FORCES RADIO AND TV SERVICE	4,577	4,577
066	STRATEGIC PLATFORM SUPPORT EQUIP	8,972	8,972
	AVIATION ELECTRONIC EQUIPMENT		
069	ASHORE ATC EQUIPMENT	75,068	75,068
070	AFLOAT ATC EQUIPMENT	33,484	33,484
076	ID SYSTEMS	22,177	22,177
077	NAVAL MISSION PLANNING SYSTEMS	14,273	14,273
	OTHER SHORE ELECTRONIC EQUIPMENT		
080	TACTICAL/MOBILE C4I SYSTEMS	27,927	27,927
081	DCGS-N	12,676	12,676
082	CANES	212,030	212,030
083	RADIAC	8,092	8,092
084	CANES-INTELL	36,013	36,013
085	GPETE	6,428	6,428
087	INTEG COMBAT SYSTEM TEST FACILITY	8,376	8,376
088	EMI CONTROL INSTRUMENTATION	3,971	3,971
089	ITEMS LESS THAN \$5 MILLION	58,721	58,721
	SHIPBOARD COMMUNICATIONS		
090	SHIPBOARD TACTICAL COMMUNICATIONS	17,366	17,366
091	SHIP COMMUNICATIONS AUTOMATION	102,479	102,479
092	COMMUNICATIONS ITEMS UNDER \$5M	10,403	10,403
	SUBMARINE COMMUNICATIONS		
093	SUBMARINE BROADCAST SUPPORT	34,151	34,151
094	SUBMARINE COMMUNICATION EQUIPMENT ..	64,529	64,529
	SATELLITE COMMUNICATIONS		

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

<i>Line</i>	<i>Item</i>	<i>FY 2017 Request</i>	<i>Conference Authorized</i>
095	SATELLITE COMMUNICATIONS SYSTEMS	14,414	14,414
096	NAVY MULTIBAND TERMINAL (NMT)	38,365	38,365
	SHORE COMMUNICATIONS		
097	JCS COMMUNICATIONS EQUIPMENT	4,156	4,156
	CRYPTOGRAPHIC EQUIPMENT		
099	INFO SYSTEMS SECURITY PROGRAM (ISSP)	85,694	85,694
100	MIO INTEL EXPLOITATION TEAM	920	920
	CRYPTOLOGIC EQUIPMENT		
101	CRYPTOLOGIC COMMUNICATIONS EQUIP	21,098	21,098
	OTHER ELECTRONIC SUPPORT		
102	COAST GUARD EQUIPMENT	32,291	32,291
	SONOBUOYS		
103	SONOBUOYS—ALL TYPES	162,588	159,541
	Excess unit cost growth		[-3,047]
	AIRCRAFT SUPPORT EQUIPMENT		
104	WEAPONS RANGE SUPPORT EQUIPMENT	58,116	58,116
105	AIRCRAFT SUPPORT EQUIPMENT	120,324	120,324
106	METEOROLOGICAL EQUIPMENT	29,253	29,253
107	DCRS/DPL	632	632
108	AIRBORNE MINE COUNTERMEASURES	29,097	29,097
109	AVIATION SUPPORT EQUIPMENT	39,099	39,099
	SHIP GUN SYSTEM EQUIPMENT		
110	SHIP GUN SYSTEMS EQUIPMENT	6,191	6,191
	SHIP MISSILE SYSTEMS EQUIPMENT		
111	SHIP MISSILE SUPPORT EQUIPMENT	320,446	310,946
	Program execution		[-9,500]
112	TOMAHAWK SUPPORT EQUIPMENT	71,046	71,046
	FBM SUPPORT EQUIPMENT		
113	STRATEGIC MISSILE SYSTEMS EQUIP	215,138	215,138
	ASW SUPPORT EQUIPMENT		
114	SSN COMBAT CONTROL SYSTEMS	130,715	130,715
115	ASW SUPPORT EQUIPMENT	26,431	26,431
	OTHER ORDNANCE SUPPORT EQUIPMENT		
116	EXPLOSIVE ORDNANCE DISPOSAL EQUIP	11,821	11,821
117	ITEMS LESS THAN \$5 MILLION	6,243	6,243
	OTHER EXPENDABLE ORDNANCE		
118	SUBMARINE TRAINING DEVICE MODS	48,020	48,020
120	SURFACE TRAINING EQUIPMENT	97,514	94,979
	Unjustified growth		[-2,535]
	CIVIL ENGINEERING SUPPORT EQUIP- MENT		
121	PASSENGER CARRYING VEHICLES	8,853	8,853
122	GENERAL PURPOSE TRUCKS	4,928	4,928
123	CONSTRUCTION & MAINTENANCE EQUIP	18,527	18,527
124	FIRE FIGHTING EQUIPMENT	13,569	13,569
125	TACTICAL VEHICLES	14,917	14,917
126	AMPHIBIOUS EQUIPMENT	7,676	7,676
127	POLLUTION CONTROL EQUIPMENT	2,321	2,321
128	ITEMS UNDER \$5 MILLION	12,459	12,459
129	PHYSICAL SECURITY VEHICLES	1,095	1,095
	SUPPLY SUPPORT EQUIPMENT		
131	SUPPLY EQUIPMENT	16,023	16,023
133	FIRST DESTINATION TRANSPORTATION	5,115	5,115
134	SPECIAL PURPOSE SUPPLY SYSTEMS	295,471	295,471
	TRAINING DEVICES		
136	TRAINING AND EDUCATION EQUIPMENT	9,504	9,504
	COMMAND SUPPORT EQUIPMENT		
137	COMMAND SUPPORT EQUIPMENT	37,180	29,980
	CNIC building control systems unjustified re- quest.		[-7,200]
139	MEDICAL SUPPORT EQUIPMENT	4,128	4,128
141	NAVAL MIP SUPPORT EQUIPMENT	1,925	1,925
142	OPERATING FORCES SUPPORT EQUIPMENT ...	4,777	4,777
143	CAISR EQUIPMENT	9,073	9,073

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2017 Request	Conference Authorized
144	ENVIRONMENTAL SUPPORT EQUIPMENT	21,107	21,107
145	PHYSICAL SECURITY EQUIPMENT	100,906	100,906
146	ENTERPRISE INFORMATION TECHNOLOGY	67,544	67,544
	OTHER		
150	NEXT GENERATION ENTERPRISE SERVICE	98,216	98,216
	CLASSIFIED PROGRAMS		
150A	CLASSIFIED PROGRAMS	9,915	9,915
	SPARES AND REPAIR PARTS		
151	SPARES AND REPAIR PARTS	199,660	199,660
	TOTAL OTHER PROCUREMENT, NAVY	6,338,861	6,258,930
	PROCUREMENT, MARINE CORPS		
	TRACKED COMBAT VEHICLES		
001	AAV7A1 PIP	73,785	71,785
	Production engineering support excess growth ..		[-2,000]
002	LAV PIP	53,423	53,423
	ARTILLERY AND OTHER WEAPONS		
003	EXPEDITIONARY FIRE SUPPORT SYSTEM	3,360	3,360
004	155MM LIGHTWEIGHT TOWED HOWITZER	3,318	3,318
005	HIGH MOBILITY ARTILLERY ROCKET SYSTEM	33,725	33,725
006	WEAPONS AND COMBAT VEHICLES UNDER \$5 MILLION.	8,181	8,181
	OTHER SUPPORT		
007	MODIFICATION KITS	15,250	15,250
	GUIDED MISSILES		
009	GROUND BASED AIR DEFENSE	9,170	9,170
010	JAVELIN	1,009	1,009
011	FOLLOW ON TO SMAW	24,666	24,666
012	ANTI-ARMOR WEAPONS SYSTEM-HEAVY (AAWS-H).	17,080	17,080
	COMMAND AND CONTROL SYSTEMS		
015	COMMON AVIATION COMMAND AND CON- TROL SYSTEM (C).	47,312	47,312
	REPAIR AND TEST EQUIPMENT		
016	REPAIR AND TEST EQUIPMENT	16,469	16,469
	COMMAND AND CONTROL SYSTEM (NON- TEL)		
019	ITEMS UNDER \$5 MILLION (COMM & ELEC)	7,433	7,433
020	AIR OPERATIONS C2 SYSTEMS	15,917	15,917
	RADAR + EQUIPMENT (NON-TEL)		
021	RADAR SYSTEMS	17,772	17,772
022	GROUND/AIR TASK ORIENTED RADAR (G/ ATOR).	123,758	123,758
023	RQ-21 UAS	80,217	80,217
	INTELL/COMM EQUIPMENT (NON-TEL)		
024	GCSS-MC	1,089	1,089
025	FIRE SUPPORT SYSTEM	13,258	13,258
026	INTELLIGENCE SUPPORT EQUIPMENT	56,379	56,379
029	RQ-11 UAV	1,976	1,976
031	DCGS-MC	1,149	1,149
032	UAS PAYLOADS	2,971	2,971
	OTHER SUPPORT (NON-TEL)		
034	NEXT GENERATION ENTERPRISE NETWORK (NGEN).	76,302	76,302
035	COMMON COMPUTER RESOURCES	41,802	39,477
	Prior year carryover		[-2,325]
036	COMMAND POST SYSTEMS	90,924	90,924
037	RADIO SYSTEMS	43,714	43,714
038	COMM SWITCHING & CONTROL SYSTEMS	66,383	66,383
039	COMM & ELEC INFRASTRUCTURE SUPPORT ..	30,229	30,229
	CLASSIFIED PROGRAMS		
039A	CLASSIFIED PROGRAMS	2,738	2,738
	ADMINISTRATIVE VEHICLES		
041	COMMERCIAL CARGO VEHICLES	88,312	88,312

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

<i>Line</i>	<i>Item</i>	<i>FY 2017 Request</i>	<i>Conference Authorized</i>
	TACTICAL VEHICLES		
043	MOTOR TRANSPORT MODIFICATIONS	13,292	13,292
045	JOINT LIGHT TACTICAL VEHICLE	113,230	113,230
046	FAMILY OF TACTICAL TRAILERS	2,691	2,691
	ENGINEER AND OTHER EQUIPMENT		
048	ENVIRONMENTAL CONTROL EQUIP ASSORT ..	18	18
050	TACTICAL FUEL SYSTEMS	78	78
051	POWER EQUIPMENT ASSORTED	17,973	17,973
052	AMPHIBIOUS SUPPORT EQUIPMENT	7,371	7,371
053	EOD SYSTEMS	14,021	14,021
	MATERIALS HANDLING EQUIPMENT		
054	PHYSICAL SECURITY EQUIPMENT	31,523	31,523
	GENERAL PROPERTY		
058	TRAINING DEVICES	33,658	33,658
060	FAMILY OF CONSTRUCTION EQUIPMENT	21,315	21,315
061	FAMILY OF INTERNALLY TRANSPORTABLE VEH (ITV).	9,654	9,654
	OTHER SUPPORT		
062	ITEMS LESS THAN \$5 MILLION	6,026	6,026
	SPARES AND REPAIR PARTS		
064	SPARES AND REPAIR PARTS	22,848	22,848
	TOTAL PROCUREMENT, MARINE CORPS.	1,362,769	1,358,444
	AIRCRAFT PROCUREMENT, AIR FORCE		
	TACTICAL FORCES		
001	F-35	4,401,894	4,188,894
	Program efficiencies		[-213,000]
002	ADVANCE PROCUREMENT (CY)	404,500	404,500
	TACTICAL AIRLIFT		
003	KC-46A TANKER	2,884,591	2,884,591
	OTHER AIRLIFT		
004	C-130J	145,655	145,655
006	HC-130J	317,576	317,576
007	ADVANCE PROCUREMENT (CY)	20,000	20,000
008	MC-130J	548,358	548,358
009	ADVANCE PROCUREMENT (CY)	50,000	50,000
	HELICOPTERS		
010	UH-1N REPLACEMENT	18,337	18,337
	MISSION SUPPORT AIRCRAFT		
012	CIVIL AIR PATROL A/C	2,637	2,637
	OTHER AIRCRAFT		
013	TARGET DRONES	114,656	114,656
014	RQ-4	12,966	12,966
015	MQ-9	122,522	122,522
	STRATEGIC AIRCRAFT		
016	B-2A	46,729	46,729
017	B-1B	116,319	116,319
018	B-52	109,020	109,020
	TACTICAL AIRCRAFT		
020	A-10	1,289	1,289
021	F-15	105,685	105,685
022	F-16	97,331	114,331
	Active missile warning system		[12,000]
	Anti-jam global positioning system (GPS) up- grade.		[5,000]
023	F-22A	163,008	163,008
024	F-35 MODIFICATIONS	175,811	175,811
025	INCREMENT 3.2B	76,410	76,410
026	ADVANCE PROCUREMENT (CY)	2,000	2,000
	AIRLIFT AIRCRAFT		
027	C-5	24,192	24,192
029	C-17A	21,555	21,555
030	C-21	5,439	5,439

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2017 Request	Conference Authorized
031	C-32A	35,235	35,235
032	C-37A	5,004	5,004
	TRAINER AIRCRAFT		
033	GLIDER MODS	394	394
034	T-6	12,765	12,765
035	T-1	25,073	17,073
	Production schedule slip		[-8,000]
036	T-38	45,090	45,090
	OTHER AIRCRAFT		
037	U-2 MODS	36,074	36,074
038	KC-10A (ATCA)	4,570	4,570
039	C-12	1,995	1,995
040	VC-25A MOD	102,670	102,670
041	C-40	13,984	13,984
042	C-130	9,168	81,668
	8-Bladed Propellers		[16,000]
	Electronic Propeller Control Systems		[13,500]
	In-flight Propeller Balancing System Certifi- cation.		[1,500]
	T56 3.5 Engine Upgrade Kits		[41,500]
043	C-130J MODS	89,424	89,424
044	C-135	64,161	64,161
045	COMPASS CALL MODS	130,257	59,857
	Compass Call Program Restructure		[-70,400]
046	RC-135	211,438	211,438
047	E-3	82,786	82,786
048	E-4	53,348	53,348
049	E-8	6,244	6,244
050	AIRBORNE WARNING AND CONTROL SYSTEM	223,427	223,427
051	FAMILY OF BEYOND LINE-OF-SIGHT TERMI- NALS.	4,673	4,673
052	H-1	9,007	9,007
054	H-60	91,357	91,357
055	RQ-4 MODS	32,045	32,045
056	HC/MC-130 MODIFICATIONS	30,767	30,767
057	OTHER AIRCRAFT	33,886	33,886
059	MQ-9 MODS	141,929	141,929
060	CV-22 MODS	63,395	63,395
	AIRCRAFT SPARES AND REPAIR PARTS		
061	INITIAL SPARES/REPAIR PARTS	686,491	673,291
	Compass Call Program Restructure		[-13,200]
	COMMON SUPPORT EQUIPMENT		
062	AIRCRAFT REPLACEMENT SUPPORT EQUIP	121,935	121,935
	POST PRODUCTION SUPPORT		
063	B-2A	154	154
064	B-2A	43,330	43,330
065	B-52	28,125	28,125
066	C-17A	23,559	23,559
069	F-15	2,980	2,980
070	F-16	15,155	39,955
	Additional mission trainers		[24,800]
071	F-22A	48,505	48,505
074	RQ-4 POST PRODUCTION CHARGES	99	99
	INDUSTRIAL PREPAREDNESS		
075	INDUSTRIAL RESPONSIVENESS	14,126	14,126
	WAR CONSUMABLES		
076	WAR CONSUMABLES	120,036	120,036
	OTHER PRODUCTION CHARGES		
077	OTHER PRODUCTION CHARGES	1,252,824	1,252,824
	CLASSIFIED PROGRAMS		
077A	CLASSIFIED PROGRAMS	16,952	119,952
	Compass Call Program Restructure		[103,000]
	TOTAL AIRCRAFT PROCUREMENT, AIR FORCE.	13,922,917	13,835,617

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

<i>Line</i>	<i>Item</i>	<i>FY 2017 Request</i>	<i>Conference Authorized</i>
MISSILE PROCUREMENT, AIR FORCE			
MISSILE REPLACEMENT EQUIPMENT—BAL- LISTIC			
001	MISSILE REPLACEMENT EQ-BALLISTIC	70,247	70,247
TACTICAL			
002	JOINT AIR-SURFACE STANDOFF MISSILE	431,645	431,645
003	LRASM0	59,511	59,511
004	SIDEWINDER (AIM-9X)	127,438	127,438
005	AMRAAM	350,144	339,392
	Pricing adjustment		[-10,752]
006	PREDATOR HELLFIRE MISSILE	33,955	33,955
007	SMALL DIAMETER BOMB	92,361	92,361
INDUSTRIAL FACILITIES			
008	INDUSTRIAL PREPAREDNESS/POL PREVENTION ..	977	977
CLASS IV			
009	ICBM FUZE MOD	17,095	17,095
010	MM III MODIFICATIONS	68,692	68,692
011	AGM-65D MAVERICK	282	282
013	AIR LAUNCH CRUISE MISSILE (ALCM)	21,762	21,762
014	SMALL DIAMETER BOMB	15,349	15,349
MISSILE SPARES AND REPAIR PARTS			
015	INITIAL SPARES/REPAIR PARTS	81,607	81,607
SPECIAL PROGRAMS			
030	SPECIAL UPDATE PROGRAMS	46,125	46,125
CLASSIFIED PROGRAMS			
030A	CLASSIFIED PROGRAMS	1,009,431	1,009,431
	TOTAL MISSILE PROCUREMENT, AIR FORCE.	2,426,621	2,415,869
SPACE PROCUREMENT, AIR FORCE			
SPACE PROGRAMS			
001	ADVANCED EHF	645,569	645,569
002	AF SATELLITE COMM SYSTEM	42,375	42,375
003	COUNTERSPACE SYSTEMS	26,984	26,984
004	FAMILY OF BEYOND LINE-OF-SIGHT TERMI- NALS.	88,963	88,963
005	WIDEBAND GAPFILLER SATELLITES(SPACE) ..	86,272	86,272
006	GPS III SPACE SEGMENT	34,059	34,059
007	GLOBAL POSITIONING (SPACE)	2,169	2,169
008	SPACEBORNE EQUIP (COMSEC)	46,708	46,708
009	GLOBAL POSITIONING (SPACE)	13,171	10,271
	Excess to Need		[-2,900]
010	MILSATCOM	41,799	41,799
011	EVOLVED EXPENDABLE LAUNCH CAPABILITY	768,586	742,586
	Early to need		[-26,000]
012	EVOLVED EXPENDABLE LAUNCH VEH(SPACE)	737,853	536,853
	Early to need		[-201,000]
013	SBIR HIGH (SPACE)	362,504	362,504
014	NUDET DETECTION SYSTEM	4,395	4,395
015	SPACE MODS	8,642	8,642
016	SPACELIFT RANGE SYSTEM SPACE	123,088	123,088
SSPARES			
017	INITIAL SPARES/REPAIR PARTS	22,606	22,606
	TOTAL SPACE PROCUREMENT, AIR FORCE.	3,055,743	2,825,843
PROCUREMENT OF AMMUNITION, AIR FORCE			
ROCKETS			
001	ROCKETS	18,734	18,734
CARTRIDGES			
002	CARTRIDGES	220,237	220,237
BOMBS			

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

<i>Line</i>	<i>Item</i>	<i>FY 2017 Request</i>	<i>Conference Authorized</i>
003	PRACTICE BOMBS	97,106	97,106
004	GENERAL PURPOSE BOMBS	581,561	581,561
005	MASSIVE ORDNANCE PENETRATOR (MOP)	3,600	3,600
006	JOINT DIRECT ATTACK MUNITION	303,988	297,988
	Pricing adjustment for increased quantity		[-6,000]
	OTHER ITEMS		
007	CAD/PAD	38,890	38,890
008	EXPLOSIVE ORDNANCE DISPOSAL (EOD)	5,714	5,714
009	SPARES AND REPAIR PARTS	740	740
010	MODIFICATIONS	573	573
011	ITEMS LESS THAN \$5 MILLION	5,156	5,156
	FLARES		
012	FLARES	134,709	134,709
	FUZES		
013	FUZES	229,252	229,252
	SMALL ARMS		
014	SMALL ARMS	37,459	37,459
	TOTAL PROCUREMENT OF AMMUNITION, AIR FORCE.	1,677,719	1,671,719
	OTHER PROCUREMENT, AIR FORCE		
	PASSENGER CARRYING VEHICLES		
001	PASSENGER CARRYING VEHICLES	14,437	14,437
	CARGO AND UTILITY VEHICLES		
002	MEDIUM TACTICAL VEHICLE	24,812	24,812
003	CAP VEHICLES	984	984
004	ITEMS LESS THAN \$5 MILLION	11,191	11,191
	SPECIAL PURPOSE VEHICLES		
005	SECURITY AND TACTICAL VEHICLES	5,361	5,361
006	ITEMS LESS THAN \$5 MILLION	4,623	4,623
	FIRE FIGHTING EQUIPMENT		
007	FIRE FIGHTING / CRASH RESCUE VEHICLES ...	12,451	12,451
	MATERIALS HANDLING EQUIPMENT		
008	ITEMS LESS THAN \$5 MILLION	18,114	18,114
	BASE MAINTENANCE SUPPORT		
009	RUNWAY SNOW REMOV & CLEANING EQUIP ..	2,310	2,310
010	ITEMS LESS THAN \$5 MILLION	46,868	46,868
	COMM SECURITY EQUIPMENT (COMSEC)		
012	COMSEC EQUIPMENT	72,359	72,359
	INTELLIGENCE PROGRAMS		
014	INTELLIGENCE TRAINING EQUIPMENT	6,982	6,982
015	INTELLIGENCE COMM EQUIPMENT	30,504	30,504
	ELECTRONICS PROGRAMS		
016	AIR TRAFFIC CONTROL & LANDING SYS	55,803	55,803
017	NATIONAL AIRSPACE SYSTEM	2,673	2,673
018	BATTLE CONTROL SYSTEM—FIXED	5,677	5,677
019	THEATER AIR CONTROL SYS IMPROVEMENTS	1,163	1,163
020	WEATHER OBSERVATION FORECAST	21,667	21,667
021	STRATEGIC COMMAND AND CONTROL	39,803	39,803
022	CHEYENNE MOUNTAIN COMPLEX	24,618	24,618
023	MISSION PLANNING SYSTEMS	15,868	15,868
025	INTEGRATED STRAT PLAN & ANALY NET- WORK (ISPAN).	9,331	9,331
	SPCL COMM-ELECTRONICS PROJECTS		
026	GENERAL INFORMATION TECHNOLOGY	41,779	41,779
027	AF GLOBAL COMMAND & CONTROL SYS	15,729	15,729
028	MOBILITY COMMAND AND CONTROL	9,814	9,814
029	AIR FORCE PHYSICAL SECURITY SYSTEM	99,460	99,460
030	COMBAT TRAINING RANGES	34,850	34,850
031	MINIMUM ESSENTIAL EMERGENCY COMM N	198,925	198,925
032	WIDE AREA SURVEILLANCE (WAS)	6,943	6,943
033	C3 COUNTERMEASURES	19,580	19,580
034	GCSS-AF FOS	1,743	1,743
036	THEATER BATTLE MGT C2 SYSTEM	9,659	9,659

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

<i>Line</i>	<i>Item</i>	<i>FY 2017 Request</i>	<i>Conference Authorized</i>
037	AIR & SPACE OPERATIONS CTR-WPN SYS	15,474	15,474
038	AIR OPERATIONS CENTER (AOC) 10.2	30,623	15,323
	Fielding		[-15,300]
	AIR FORCE COMMUNICATIONS		
039	INFORMATION TRANSPORT SYSTEMS	40,043	40,043
040	AFNET	146,897	146,897
041	JOINT COMMUNICATIONS SUPPORT ELE- MENT (JCSE)	5,182	5,182
042	USCENTCOM	13,418	13,418
	ORGANIZATION AND BASE		
052	TACTICAL C-E EQUIPMENT	109,836	109,836
053	RADIO EQUIPMENT	16,266	16,266
054	CCTV/AUDIOVISUAL EQUIPMENT	7,449	7,449
055	BASE COMM INFRASTRUCTURE	109,215	109,215
	MODIFICATIONS		
056	COMM ELECT MODS	65,700	65,700
	PERSONAL SAFETY & RESCUE EQUIP		
058	ITEMS LESS THAN \$5 MILLION	54,416	54,416
	DEPOT PLANT+MTRLS HANDLING EQ		
059	MECHANIZED MATERIAL HANDLING EQUIP ...	7,344	7,344
	BASE SUPPORT EQUIPMENT		
060	BASE PROCURED EQUIPMENT	6,852	6,852
063	MOBILITY EQUIPMENT	8,146	8,146
064	ITEMS LESS THAN \$5 MILLION	28,427	28,427
	SPECIAL SUPPORT PROJECTS		
066	DARP RC135	25,287	25,287
067	DCGS-AF	169,201	169,201
069	SPECIAL UPDATE PROGRAM	576,710	576,710
	CLASSIFIED PROGRAMS		
070A	CLASSIFIED PROGRAMS	15,119,705	15,119,705
	SPARES AND REPAIR PARTS		
072	SPARES AND REPAIR PARTS	15,784	15,784
	TOTAL OTHER PROCUREMENT, AIR FORCE.	17,438,056	17,422,756
	PROCUREMENT, DEFENSE-WIDE		
	MAJOR EQUIPMENT, WHS		
037	MAJOR EQUIPMENT, OSD	29,211	29,211
	MAJOR EQUIPMENT, NSA		
036	INFORMATION SYSTEMS SECURITY PRO- GRAM (ISSP)	4,399	4,399
	MAJOR EQUIPMENT, WHS		
040	MAJOR EQUIPMENT, WHS	24,979	24,979
	MAJOR EQUIPMENT, DISA		
006	INFORMATION SYSTEMS SECURITY	21,347	21,347
007	TELEPORT PROGRAM	50,597	50,597
008	ITEMS LESS THAN \$5 MILLION	10,420	10,420
009	NET CENTRIC ENTERPRISE SERVICES (NCES)	1,634	1,634
010	DEFENSE INFORMATION SYSTEM NETWORK	87,235	87,235
011	CYBER SECURITY INITIATIVE	4,528	4,528
012	WHITE HOUSE COMMUNICATION AGENCY	36,846	36,846
013	SENIOR LEADERSHIP ENTERPRISE	599,391	599,391
015	JOINT REGIONAL SECURITY STACKS (JRSS) ..	150,221	150,221
	MAJOR EQUIPMENT, DLA		
017	MAJOR EQUIPMENT	2,055	2,055
	MAJOR EQUIPMENT, DSS		
020	MAJOR EQUIPMENT	1,057	1,057
	MAJOR EQUIPMENT, DCAA		
001	ITEMS LESS THAN \$5 MILLION	2,964	2,964
	MAJOR EQUIPMENT, TJS		
038	MAJOR EQUIPMENT, TJS	7,988	7,988
	MAJOR EQUIPMENT, MISSILE DEFENSE AGENCY		
023	THAAD	369,608	369,608

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2017 Request	Conference Authorized
024	AEGIS BMD	463,801	528,801
	Increasing BMD capability for Aegis Ships		[65,000]
025	BMDS AN/TPY-2 RADARS	5,503	5,503
026	ARROW UPPER TIER		120,000
	Increase for Arrow 3 Coproduction subject to Title XVI.		[120,000]
027	DAVID'S SLING		150,000
	Increase for DSWS Coproduction subject to Title XVI.		[150,000]
028	AEGIS ASHORE PHASE III	57,493	57,493
029	IRON DOME	42,000	62,000
	Increase for Coproduction of Iron Dome Tamir Interceptors subject to Title XVI.		[20,000]
030	AEGIS BMD HARDWARE AND SOFTWARE	50,098	50,098
	MAJOR EQUIPMENT, DHRA		
003	PERSONNEL ADMINISTRATION	14,232	14,232
	MAJOR EQUIPMENT, DEFENSE THREAT RE- DUCTION AGENCY		
021	VEHICLES	200	200
022	OTHER MAJOR EQUIPMENT	6,437	6,437
	MAJOR EQUIPMENT, DODEA		
019	AUTOMATION/EDUCATIONAL SUPPORT & LO- GISTICS.	288	288
	MAJOR EQUIPMENT, DCMA		
002	MAJOR EQUIPMENT	92	92
	MAJOR EQUIPMENT, DMACT		
018	MAJOR EQUIPMENT	8,060	8,060
	CLASSIFIED PROGRAMS		
040A	CLASSIFIED PROGRAMS	568,864	568,864
	AVIATION PROGRAMS		
042	ROTARY WING UPGRADES AND SUSTAINMENT.	150,396	150,396
043	UNMANNED ISR	21,190	21,190
045	NON-STANDARD AVIATION	4,905	4,905
046	U-28	3,970	3,970
047	MH-47 CHINOOK	25,022	25,022
049	CV-22 MODIFICATION	19,008	19,008
051	MQ-9 UNMANNED AERIAL VEHICLE	10,598	10,598
053	PRECISION STRIKE PACKAGE	213,122	200,072
	SOCOM requested transfer		[-13,050]
054	AC/MC-130J	73,548	86,598
	SOCOM requested transfer		[13,050]
055	C-130 MODIFICATIONS	32,970	32,970
	SHIPBUILDING		
056	UNDERWATER SYSTEMS	37,098	37,098
	AMMUNITION PROGRAMS		
057	ORDNANCE ITEMS <\$5M	105,267	105,267
	OTHER PROCUREMENT PROGRAMS		
058	INTELLIGENCE SYSTEMS	79,963	79,963
059	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS.	13,432	13,432
060	OTHER ITEMS <\$5M	66,436	66,436
061	COMBATANT CRAFT SYSTEMS	55,820	55,820
062	SPECIAL PROGRAMS	107,432	107,432
063	TACTICAL VEHICLES	67,849	67,849
064	WARRIOR SYSTEMS <\$5M	245,781	245,781
065	COMBAT MISSION REQUIREMENTS	19,566	19,566
066	GLOBAL VIDEO SURVEILLANCE ACTIVITIES ...	3,437	3,437
067	OPERATIONAL ENHANCEMENTS INTEL- LIGENCE.	17,299	17,299
069	OPERATIONAL ENHANCEMENTS	219,945	219,945
	CBDP		
070	CHEMICAL BIOLOGICAL SITUATIONAL AWARENESS.	148,203	148,203

SEC. 4101. PROCUREMENT (In Thousands of Dollars)			
Line	Item	FY 2017 Request	Conference Authorized
071	CB PROTECTION & HAZARD MITIGATION	161,113	161,113
	TOTAL PROCUREMENT, DEFENSE-WIDE.	4,524,918	4,879,918
	JOINT URGENT OPERATIONAL NEEDS FUND		
	JOINT URGENT OPERATIONAL NEEDS FUND		
001	JOINT URGENT OPERATIONAL NEEDS FUND	99,300	0
	Program decrease		[-99,300]
	TOTAL JOINT URGENT OPERATIONAL NEEDS FUND.	99,300	0
	NATIONAL GUARD AND RESERVE EQUIPMENT		
	UNDISTRIBUTED		
007	MISCELLANEOUS EQUIPMENT		250,000
	Program increase		[250,000]
	TOTAL NATIONAL GUARD AND RESERVE EQUIPMENT.		250,000
	TOTAL PROCUREMENT	101,971,592	102,422,660

SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS.

SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS (In Thousands of Dollars)			
Line	Item	FY 2017 Request	Conference Authorized
	AIRCRAFT PROCUREMENT, ARMY		
	MODIFICATION OF AIRCRAFT		
015	MULTI SENSOR ABN RECON (MIP)	21,400	21,400
020	EMARSS SEMA MODS (MIP)	42,700	42,700
026	RQ-7 UAV MODS	1,775	1,775
027	UAS MODS	4,420	4,420
	GROUND SUPPORT AVIONICS		
030	CMWS	56,115	56,115
031	CIRCM	108,721	108,721
	TOTAL AIRCRAFT PROCUREMENT, ARMY.	235,131	235,131
	MISSILE PROCUREMENT, ARMY		
	AIR-TO-SURFACE MISSILE SYSTEM		
004	HELLFIRE SYS SUMMARY	305,830	305,830
	ANTI-TANK/ASSAULT MISSILE SYS		
007	JAVELIN (AAWS-M) SYSTEM SUMMARY	15,567	15,567
008	TOW 2 SYSTEM SUMMARY	80,652	80,652
010	GUIDED MLRS ROCKET (GMLRS)	75,991	75,991
012	LETHAL MINIATURE AERIAL MISSILE SYSTEM (LMAMS).	51,277	51,277
	TOTAL MISSILE PROCUREMENT, ARMY.	529,317	529,317
	PROCUREMENT OF W&TCV, ARMY		
	MODIFICATION OF TRACKED COMBAT VEHICLES		
007	PALADIN INTEGRATED MANAGEMENT (PIM) ..	125,184	125,184
009	ASSAULT BRIDGE (MOD)	5,950	5,950
014	ABRAMS UPGRADE PROGRAM		72,000
	Army requested realignment (ERI)		[172,000]
	Realign APS Unit Set Requirements to Base		[-100,000]

SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS
(In Thousands of Dollars)

<i>Line</i>	<i>Item</i>	<i>FY 2017 Request</i>	<i>Conference Authorized</i>
	WEAPONS & OTHER COMBAT VEHICLES		
017	MORTAR SYSTEMS	22,410	22,410
	SUPPORT EQUIPMENT & FACILITIES		
036	BRADLEY PROGRAM		72,800
	Army requested realignment (ERI)		[72,800]
	TOTAL PROCUREMENT OF W&TCV, ARMY.	153,544	298,344
	PROCUREMENT OF AMMUNITION, ARMY		
	SMALL/MEDIUM CAL AMMUNITION		
002	CTG, 7.62MM, ALL TYPES	9,642	9,642
004	CTG, .50 CAL, ALL TYPES	6,607	6,607
005	CTG, 20MM, ALL TYPES	1,077	1,077
006	CTG, 25MM, ALL TYPES	28,534	28,534
007	CTG, 30MM, ALL TYPES	20,000	20,000
008	CTG, 40MM, ALL TYPES	7,423	7,423
	MORTAR AMMUNITION		
009	60MM MORTAR, ALL TYPES	10,000	10,000
010	81MM MORTAR, ALL TYPES	2,677	2,677
	TANK AMMUNITION		
012	CARTRIDGES, TANK, 105MM AND 120MM, ALL TYPES.	8,999	8,999
	ARTILLERY AMMUNITION		
014	ARTILLERY PROJECTILE, 155MM, ALL TYPES	30,348	30,348
015	PROJ 155MM EXTENDED RANGE M982	140	140
016	ARTILLERY PROPELLANTS, FUZES AND PRIM- ERS, ALL.	29,655	29,655
	MINES		
017	MINES & CLEARING CHARGES, ALL TYPES	16,866	16,866
	NETWORKED MUNITIONS		
018	SPIDER NETWORK MUNITIONS, ALL TYPES	10,353	10,353
	ROCKETS		
019	SHOULDER LAUNCHED MUNITIONS, ALL TYPES.	63,210	63,210
020	ROCKET, HYDRA 70, ALL TYPES	42,851	42,851
	OTHER AMMUNITION		
022	DEMOLITION MUNITIONS, ALL TYPES	6,373	6,373
023	GRENADES, ALL TYPES	4,143	4,143
024	SIGNALS, ALL TYPES	1,852	1,852
	MISCELLANEOUS		
027	NON-LETHAL AMMUNITION, ALL TYPES	773	773
	TOTAL PROCUREMENT OF AMMUNI- TION, ARMY.	301,523	301,523
	OTHER PROCUREMENT, ARMY		
	TACTICAL VEHICLES		
002	SEMITRAILERS, FLATBED:	4,180	4,180
008	FAMILY OF MEDIUM TACTICAL VEH (FMTV) ...	147,476	147,476
010	FAMILY OF HEAVY TACTICAL VEHICLES (FHTV).	6,122	6,122
011	PLS ESP	106,358	106,358
012	HVY EXPANDED MOBILE TACTICAL TRUCK EXT SERV.	203,766	203,766
013	TACTICAL WHEELED VEHICLE PROTECTION KITS.	101,154	101,154
014	MODIFICATION OF IN SVC EQUIP	155,456	155,456
	COMM—JOINT COMMUNICATIONS		
019	WIN-T—GROUND FORCES TACTICAL NET- WORK.	9,572	9,572
	COMM—SATELLITE COMMUNICATIONS		
025	SHF TERM	24,000	24,000
	COMM—INTELLIGENCE COMM		
047	CI AUTOMATION ARCHITECTURE	1,550	1,550
	INFORMATION SECURITY		

SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS
(In Thousands of Dollars)

<i>Line</i>	<i>Item</i>	<i>FY 2017 Request</i>	<i>Conference Authorized</i>
051	COMMUNICATIONS SECURITY (COMSEC)	1,928	1,928
052	DEFENSIVE CYBER OPERATIONS	26,500	26,500
	COMM—BASE COMMUNICATIONS		
056	INSTALLATION INFO INFRASTRUCTURE MOD PROGRAM.	20,510	20,510
	ELECT EQUIP—TACT INT REL ACT (TIARA)		
062	DCGS-A (MIP)	33,032	33,032
064	TROJAN (MIP)	3,305	3,305
066	CI HUMINT AUTO REPRTING AND COLL(CHARCS).	7,233	7,233
069	BIOMETRIC TACTICAL COLLECTION DEVICES (MIP).	5,670	5,670
	ELECT EQUIP—ELECTRONIC WARFARE (EW)		
070	LIGHTWEIGHT COUNTER MORTAR RADAR	25,892	25,892
074	FAMILY OF PERSISTENT SURVEILLANCE CAPABILITIE.	11,610	11,610
075	COUNTERINTELLIGENCE/SECURITY COUN- TERMEASURES.	23,890	23,890
	ELECT EQUIP—TACTICAL SURV. (TAC SURV)		
080	INDIRECT FIRE PROTECTION FAMILY OF SYS- TEMS.	76,270	76,270
089	MORTAR FIRE CONTROL SYSTEM	2,572	2,572
	ELECT EQUIP—TACTICAL C2 SYSTEMS		
092	AIR & MSL DEFENSE PLANNING & CONTROL SYS.	69,958	69,958
	ELECT EQUIP—AUTOMATION		
102	AUTOMATED DATA PROCESSING EQUIP	9,900	9,900
	ELECT EQUIP—AUDIO VISUAL SYS (AV)		
108	ITEMS LESS THAN \$5M (SURVEYING EQUIP- MENT).	96	96
	CHEMICAL DEFENSIVE EQUIPMENT		
114	CBRN DEFENSE	1,841	1,841
	BRIDGING EQUIPMENT		
115	TACTICAL BRIDGING	26,000	26,000
	ENGINEER (NON-CONSTRUCTION) EQUIP- MENT		
124	ROBOTICS AND APPLIQUE SYSTEMS	268	268
128	FAMILY OF BOATS AND MOTORS	280	280
	COMBAT SERVICE SUPPORT EQUIPMENT		
129	HEATERS AND ECUS	894	894
134	FORCE PROVIDER	53,800	53,800
135	FIELD FEEDING EQUIPMENT	2,665	2,665
136	CARGO AERIAL DEL & PERSONNEL PARA- CHUTE SYSTEM.	2,400	2,400
137	FAMILY OF ENGR COMBAT AND CONSTRUC- TION SETS.	9,789	9,789
138	ITEMS LESS THAN \$5M (ENG SPT)	300	300
	PETROLEUM EQUIPMENT		
139	QUALITY SURVEILLANCE EQUIPMENT	4,800	4,800
140	DISTRIBUTION SYSTEMS, PETROLEUM & WATER.	78,240	78,240
	MEDICAL EQUIPMENT		
141	COMBAT SUPPORT MEDICAL	5,763	5,763
	MAINTENANCE EQUIPMENT		
142	MOBILE MAINTENANCE EQUIPMENT SYS- TEMS.	1,609	1,609
143	ITEMS LESS THAN \$5.0M (MAINT EQ)	145	145
	CONSTRUCTION EQUIPMENT		
144	GRADER, ROAD MTZD, HVY, 6X4 (CCE)	3,047	3,047
148	TRACTOR, FULL TRACKED	4,426	4,426
151	HIGH MOBILITY ENGINEER EXCAVATOR (HMEE).	2,900	2,900

SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS
(In Thousands of Dollars)

<i>Line</i>	<i>Item</i>	<i>FY 2017 Request</i>	<i>Conference Authorized</i>
155	ITEMS LESS THAN \$5.0M (CONST EQUIP)	96	96
	GENERATORS		
158	GENERATORS AND ASSOCIATED EQUIP	21,861	21,861
	MATERIAL HANDLING EQUIPMENT		
160	FAMILY OF FORKLIFTS	846	846
	TEST MEASURE AND DIG EQUIPMENT (TMD)		
168	TEST EQUIPMENT MODERNIZATION (TEMOD) OTHER SUPPORT EQUIPMENT	1,140	1,140
170	RAPID EQUIPPING SOLDIER SUPPORT EQUIP- MENT.	8,500	8,500
	TOTAL OTHER PROCUREMENT, ARMY	1,309,610	1,309,610
	JOINT IMPROVISED-THREAT DEFEAT FUND		
	NETWORK ATTACK		
001	RAPID ACQUISITION AND THREAT RESPONSE STAFF AND INFRASTRUCTURE	332,000	332,000
002	MISSION ENABLERS	62,800	62,800
	TOTAL JOINT IMPROVISED-THREAT DEFEAT FUND.	394,800	394,800
	AIRCRAFT PROCUREMENT, NAVY		
	COMBAT AIRCRAFT		
002	F/A-18E/F (FIGHTER) HORNET	184,912	184,912
	OTHER AIRCRAFT		
026	STUASLO UAV	70,000	70,000
	MODIFICATION OF AIRCRAFT		
037	EP-3 SERIES	7,505	7,505
047	SPECIAL PROJECT AIRCRAFT	14,869	14,869
051	COMMON ECM EQUIPMENT	70,780	70,780
059	V-22 (TILT/ROTOR ACFT) OSPREY	8,740	8,740
	AIRCRAFT SPARES AND REPAIR PARTS		
063	SPARES AND REPAIR PARTS	1,500	1,500
	AIRCRAFT SUPPORT EQUIP & FACILITIES		
065	AIRCRAFT INDUSTRIAL FACILITIES	524	524
	TOTAL AIRCRAFT PROCUREMENT, NAVY.	358,830	358,830
	WEAPONS PROCUREMENT, NAVY		
	TACTICAL MISSILES		
010	HELLFIRE	8,600	8,600
	TOTAL WEAPONS PROCUREMENT, NAVY.	8,600	8,600
	PROCUREMENT OF AMMO, NAVY & MC		
	NAVY AMMUNITION		
001	GENERAL PURPOSE BOMBS	40,366	40,366
002	AIRBORNE ROCKETS, ALL TYPES	8,860	8,860
006	AIR EXPENDABLE COUNTERMEASURES	7,060	7,060
013	PYROTECHNIC AND DEMOLITION	1,122	1,122
014	AMMUNITION LESS THAN \$5 MILLION	3,495	3,495
	MARINE CORPS AMMUNITION		
015	SMALL ARMS AMMUNITION	1,205	1,205
017	40 MM, ALL TYPES	539	539
018	60MM, ALL TYPES	909	909
020	120MM, ALL TYPES	530	530
022	ROCKETS, ALL TYPES	469	469
023	ARTILLERY, ALL TYPES	1,196	1,196
024	DEMOLITION MUNITIONS, ALL TYPES	261	261
025	FUZE, ALL TYPES	217	217
	TOTAL PROCUREMENT OF AMMO, NAVY & MC.	66,229	66,229
	OTHER PROCUREMENT, NAVY		

SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS
(In Thousands of Dollars)

<i>Line</i>	<i>Item</i>	<i>FY 2017 Request</i>	<i>Conference Authorized</i>
	OTHER SHORE ELECTRONIC EQUIPMENT		
081	DCGS-N	12,000	12,000
	OTHER ORDNANCE SUPPORT EQUIPMENT		
116	EXPLOSIVE ORDNANCE DISPOSAL EQUIP	40,000	40,000
	CIVIL ENGINEERING SUPPORT EQUIPMENT		
124	FIRE FIGHTING EQUIPMENT	630	630
	SUPPLY SUPPORT EQUIPMENT		
133	FIRST DESTINATION TRANSPORTATION	25	25
	COMMAND SUPPORT EQUIPMENT		
137	COMMAND SUPPORT EQUIPMENT	10,562	10,562
139	MEDICAL SUPPORT EQUIPMENT	5,000	5,000
	CLASSIFIED PROGRAMS		
150A	CLASSIFIED PROGRAMS	1,660	1,660
	TOTAL OTHER PROCUREMENT, NAVY	69,877	69,877
	PROCUREMENT, MARINE CORPS		
	ARTILLERY AND OTHER WEAPONS		
006	WEAPONS AND COMBAT VEHICLES UNDER \$5 MILLION.	572	572
	GUIDED MISSILES		
010	JAVELIN	1,606	1,606
	OTHER SUPPORT (TEL)		
018	MODIFICATION KITS	2,600	2,600
	COMMAND AND CONTROL SYSTEM (NON-TEL)		
019	ITEMS UNDER \$5 MILLION (COMM & ELEC)	2,200	2,200
	INTELL/COMM EQUIPMENT (NON-TEL)		
026	INTELLIGENCE SUPPORT EQUIPMENT	20,981	20,981
029	RQ-11 UAV	3,817	3,817
	OTHER SUPPORT (NON-TEL)		
035	COMMON COMPUTER RESOURCES	2,600	2,600
037	RADIO SYSTEMS	9,563	9,563
	ENGINEER AND OTHER EQUIPMENT		
053	EOD SYSTEMS	75,000	75,000
	TOTAL PROCUREMENT, MARINE CORPS.	118,939	118,939
	AIRCRAFT PROCUREMENT, AIR FORCE		
	OTHER AIRLIFT		
004	C-130J	73,000	73,000
	OTHER AIRCRAFT		
015	MQ-9	273,600	186,600
	Air Force requested transfer to line 61 for spares.		[-87,000]
	STRATEGIC AIRCRAFT		
019	LARGE AIRCRAFT INFRARED COUNTER-MEASURES.	135,801	135,801
	TACTICAL AIRCRAFT		
020	A-10	23,850	23,850
	OTHER AIRCRAFT		
047	E-3	6,600	6,600
056	HC/MC-130 MODIFICATIONS	13,550	13,550
057	OTHER AIRCRAFT	7,500	7,500
059	MQ-9 MODS	112,068	112,068
	AIRCRAFT SPARES AND REPAIR PARTS		
061	INITIAL SPARES/REPAIR PARTS	25,600	87,000
	Air Force requested transfer from line 15 for spares.		[87,000]
	Compass Call Program Restructure		[-25,600]
	OTHER PRODUCTION CHARGES		
077	OTHER PRODUCTION CHARGES	8,400	8,400
	TOTAL AIRCRAFT PROCUREMENT, AIR FORCE.	679,969	654,369

SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS
(In Thousands of Dollars)

<i>Line</i>	<i>Item</i>	<i>FY 2017 Request</i>	<i>Conference Authorized</i>
	MISSILE PROCUREMENT, AIR FORCE		
	TACTICAL		
006	PREDATOR HELLFIRE MISSILE	145,125	145,125
	CLASS IV		
011	AGM-65D MAVERICK	9,720	9,720
	TOTAL MISSILE PROCUREMENT, AIR FORCE.	154,845	154,845
	PROCUREMENT OF AMMUNITION, AIR FORCE		
	CARTRIDGES		
002	CARTRIDGES	9,830	9,830
	BOMBS		
004	GENERAL PURPOSE BOMBS	7,921	7,921
006	JOINT DIRECT ATTACK MUNITION	140,126	130,876
	Pricing adjustment		[-9,250]
	FLARES		
012	FLARES	6,531	6,531
	TOTAL PROCUREMENT OF AMMUNI- TION, AIR FORCE.	164,408	155,158
	OTHER PROCUREMENT, AIR FORCE		
	PASSENGER CARRYING VEHICLES		
001	PASSENGER CARRYING VEHICLES	2,003	2,003
	CARGO AND UTILITY VEHICLES		
002	MEDIUM TACTICAL VEHICLE	9,066	9,066
004	ITEMS LESS THAN \$5 MILLION	12,264	12,264
	SPECIAL PURPOSE VEHICLES		
006	ITEMS LESS THAN \$5 MILLION	16,789	16,789
	FIRE FIGHTING EQUIPMENT		
007	FIRE FIGHTING / CRASH RESCUE VEHICLES ...	48,590	48,590
	MATERIALS HANDLING EQUIPMENT		
008	ITEMS LESS THAN \$5 MILLION	2,366	2,366
	BASE MAINTENANCE SUPPORT		
009	RUNWAY SNOW REMOV & CLEANING EQUIP ..	6,468	6,468
010	ITEMS LESS THAN \$5 MILLION	9,271	9,271
	ELECTRONICS PROGRAMS		
016	AIR TRAFFIC CONTROL & LANDING SYS	42,650	42,650
	SPCL COMM-ELECTRONICS PROJECTS		
029	AIR FORCE PHYSICAL SECURITY SYSTEM	7,500	7,500
033	C3 COUNTERMEASURES	620	620
	ORGANIZATION AND BASE		
052	TACTICAL C-E EQUIPMENT	8,100	8,100
	MODIFICATIONS		
056	COMM ELECT MODS	3,800	3,800
	BASE SUPPORT EQUIPMENT		
061	ENGINEERING AND EOD EQUIPMENT	53,900	53,900
	SPECIAL SUPPORT PROJECTS		
067	DCGS-AF	800	800
	CLASSIFIED PROGRAMS		
070A	CLASSIFIED PROGRAMS	3,609,978	3,609,978
	TOTAL OTHER PROCUREMENT, AIR FORCE.	3,834,165	3,834,165
	PROCUREMENT, DEFENSE-WIDE		
	MAJOR EQUIPMENT, DISA		
007	TELEPORT PROGRAM	1,900	1,900
	CLASSIFIED PROGRAMS		
040A	CLASSIFIED PROGRAMS	32,482	32,482
	AVIATION PROGRAMS		
041	MC-12	5,000	5,000
043	UNMANNED ISR	11,880	11,880
046	U-28	38,283	38,283

SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS
(In Thousands of Dollars)

<i>Line</i>	<i>Item</i>	<i>FY 2017 Request</i>	<i>Conference Authorized</i>
AMMUNITION PROGRAMS			
057	ORDNANCE ITEMS <\$5M	52,504	52,504
OTHER PROCUREMENT PROGRAMS			
058	INTELLIGENCE SYSTEMS	22,000	22,000
060	OTHER ITEMS <\$5M	11,580	11,580
062	SPECIAL PROGRAMS	13,549	13,549
063	TACTICAL VEHICLES	3,200	3,200
069	OPERATIONAL ENHANCEMENTS	42,056	22,806
	Classified adjustment		[-19,250]
	TOTAL PROCUREMENT, DEFENSE- WIDE.	234,434	215,184
	TOTAL PROCUREMENT	8,614,221	8,704,921

SEC. 4103. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS FOR BASE REQUIREMENTS.

**SEC. 4103. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS FOR
BASE REQUIREMENTS**
(In Thousands of Dollars)

<i>Line</i>	<i>Item</i>	<i>FY 2017 Request</i>	<i>Conference Authorized</i>
AIRCRAFT PROCUREMENT, ARMY			
ROTARY			
006	AH-64 APACHE BLOCK IIIA REMAN	78,040	78,040
	TOTAL AIRCRAFT PROCUREMENT, ARMY.	78,040	78,040
MISSILE PROCUREMENT, ARMY			
AIR-TO-SURFACE MISSILE SYSTEM			
004	HELLFIRE SYS SUMMARY	150,000	150,000
ANTI-TANK/ASSAULT MISSILE SYS			
007	JAVELIN (AAWS-M) SYSTEM SUMMARY		104,200
	Army unfunded requirement		[104,200]
010	GUIDED MLRS ROCKET (GMLRS)		76,000
	Army unfunded requirement		[76,000]
MODIFICATIONS			
014	ATACMS MODS		15,900
	Army unfunded requirement		[15,900]
	TOTAL MISSILE PROCUREMENT, ARMY.	150,000	346,100
PROCUREMENT OF AMMUNITION, ARMY			
SMALL/MEDIUM CAL AMMUNITION			
001	CTG, 5.56MM, ALL TYPES		4,000
	Army unfunded requirement		[4,000]
002	CTG, 7.62MM, ALL TYPES		14,000
	Army unfunded requirement		[14,000]
003	CTG, HANDGUN, ALL TYPES		9,000
	Army unfunded requirement		[9,000]
004	CTG, .50 CAL, ALL TYPES		20,000
	Army unfunded requirement		[20,000]
005	CTG, 20MM, ALL TYPES		14,000
	Army unfunded requirement		[14,000]
007	CTG, 30MM, ALL TYPES		8,200
	Army unfunded requirement		[8,200]
MORTAR AMMUNITION			
011	120MM MORTAR, ALL TYPES		30,000
	Army unfunded requirement		[30,000]
TANK AMMUNITION			
012	CARTRIDGES, TANK, 105MM AND 120MM, ALL TYPES.		35,000

**SEC. 4103. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS FOR
BASE REQUIREMENTS
(In Thousands of Dollars)**

<i>Line</i>	<i>Item</i>	<i>FY 2017 Request</i>	<i>Conference Authorized</i>
	Army unfunded requirement		[35,000]
	ARTILLERY AMMUNITION		
015	PROJ 155MM EXTENDED RANGE M982		23,500
	Army unfunded requirement		[23,500]
016	ARTILLERY PROPELLANTS, FUZES AND PRIMERS, ALL.		10,000
	Army unfunded requirement		[10,000]
	ROCKETS		
019	SHOULDER LAUNCHED MUNITIONS, ALL TYPES.		30,000
	Army unfunded requirement		[30,000]
020	ROCKET, HYDRA 70, ALL TYPES		42,500
	Army unfunded requirement		[27,500]
	Army unfunded requirement- guided hydra rockets.		[15,000]
	TOTAL PROCUREMENT OF AMMUNITION, ARMY.		240,200
	OTHER PROCUREMENT, ARMY		
	TACTICAL VEHICLES		
008	FAMILY OF MEDIUM TACTICAL VEH (FMTV) ...	152,000	152,000
	GENERATORS		
158	GENERATORS AND ASSOCIATED EQUIP	9,900	9,900
	TOTAL OTHER PROCUREMENT, ARMY	161,900	161,900
	JOINT IMPROVISED-THREAT DEFEAT FUND		
	NETWORK ATTACK		
001	RAPID ACQUISITION AND THREAT RESPONSE	113,272	113,272
	TOTAL JOINT IMPROVISED-THREAT DEFEAT FUND.	113,272	113,272
	AIRCRAFT PROCUREMENT, NAVY		
	MODIFICATION OF AIRCRAFT		
035	SH-60 SERIES	3,000	3,000
036	H-1 SERIES	3,740	3,740
051	COMMON ECM EQUIPMENT	27,460	27,460
	TOTAL AIRCRAFT PROCUREMENT, NAVY.	34,200	34,200
	WEAPONS PROCUREMENT, NAVY		
	STRATEGIC MISSILES		
003	TOMAHAWK		84,200
	Scope Increase		[84,200]
	TACTICAL MISSILES		
005	SIDEWINDER		33,000
	Navy unfunded requirement		[33,000]
	TOTAL WEAPONS PROCUREMENT, NAVY.		117,200
	PROCUREMENT OF AMMO, NAVY & MC		
	NAVY AMMUNITION		
001	GENERAL PURPOSE BOMBS		58,000
	Navy unfunded requirement—JDAM components.		[58,000]
	MARINE CORPS AMMUNITION		
023	ARTILLERY, ALL TYPES		19,200
	Marine Corps unfunded requirement- GMLRS AW munitions.		[19,200]
	TOTAL PROCUREMENT OF AMMO, NAVY & MC.		77,200
	OTHER PROCUREMENT, NAVY		
	OTHER ORDNANCE SUPPORT EQUIPMENT		

SEC. 4103. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS FOR BASE REQUIREMENTS (In Thousands of Dollars)			
<i>Line</i>	<i>Item</i>	<i>FY 2017 Request</i>	<i>Conference Authorized</i>
116	EXPLOSIVE ORDNANCE DISPOSAL EQUIP	59,329	59,329
	TOTAL OTHER PROCUREMENT, NAVY	59,329	59,329
	AIRCRAFT PROCUREMENT, AIR FORCE OTHER AIRCRAFT		
015	MQ-9	179,430	179,430
	TOTAL AIRCRAFT PROCUREMENT, AIR FORCE.	179,430	179,430
	MISSILE PROCUREMENT, AIR FORCE TACTICAL		
007	SMALL DIAMETER BOMB	167,800	167,800
	CLASS IV		
011	AGM-65D MAVERICK	16,900	16,900
	TOTAL MISSILE PROCUREMENT, AIR FORCE.	184,700	184,700
	PROCUREMENT OF AMMUNITION, AIR FORCE		
	ROCKETS		
001	ROCKETS	60,000	60,000
	BOMBS		
006	JOINT DIRECT ATTACK MUNITION	263,000	263,000
	TOTAL PROCUREMENT OF AMMUNI- TION, AIR FORCE.	323,000	323,000
	PROCUREMENT, DEFENSE-WIDE MAJOR EQUIPMENT, DISA		
007	TELEPORT PROGRAM	2,000	2,000
016	DEFENSE INFORMATION SYSTEMS NETWORK TOTAL PROCUREMENT, DEFENSE- WIDE.	2,000	2,000
	TOTAL PROCUREMENT	1,287,871	1,918,571

**TITLE XLII—RESEARCH, DEVELOPMENT, TEST, AND
EVALUATION**

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION.

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION (In Thousands of Dollars)				
<i>Line</i>	<i>Program Element</i>	<i>Item</i>	<i>FY 2017 Request</i>	<i>Conference Authorized</i>
		RESEARCH, DEVELOPMENT, TEST & EVAL, ARMY		
		BASIC RESEARCH		
001	0601101A	IN-HOUSE LABORATORY INDEPENDENT RE- SEARCH.	12,381	12,381
002	0601102A	DEFENSE RESEARCH SCIENCES	253,116	253,116
003	0601103A	UNIVERSITY RESEARCH INITIATIVES	69,166	69,166
004	0601104A	UNIVERSITY AND INDUSTRY RESEARCH CEN- TERS.	94,280	94,280
		SUBTOTAL BASIC RESEARCH	428,943	428,943
		APPLIED RESEARCH		
005	0602105A	MATERIALS TECHNOLOGY	31,533	37,033
		<i>Ground vehicle coating system</i>		[5,500]
006	0602120A	SENSORS AND ELECTRONIC SURVIVABILITY <i>Program increase</i>	36,109	38,109
007	0602122A	TRACTOR HIP	6,995	6,995
008	0602211A	AVIATION TECHNOLOGY	65,914	65,914

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2017 Request	Conference Authorized
009	0602270A	ELECTRONIC WARFARE TECHNOLOGY	25,466	25,466
010	0602303A	MISSILE TECHNOLOGY	44,313	44,313
011	0602307A	ADVANCED WEAPONS TECHNOLOGY	28,803	28,803
012	0602308A	ADVANCED CONCEPTS AND SIMULATION	27,688	27,688
013	0602601A	COMBAT VEHICLE AND AUTOMOTIVE TECHNOLOGY.	67,959	67,959
014	0602618A	BALLISTICS TECHNOLOGY	85,436	85,436
015	0602622A	CHEMICAL, SMOKE AND EQUIPMENT DEFEATING TECHNOLOGY.	3,923	3,923
016	0602623A	JOINT SERVICE SMALL ARMS PROGRAM	5,545	5,545
017	0602624A	WEAPONS AND MUNITIONS TECHNOLOGY	53,581	53,581
018	0602705A	ELECTRONICS AND ELECTRONIC DEVICES	56,322	56,322
019	0602709A	NIGHT VISION TECHNOLOGY	36,079	36,079
020	0602712A	COUNTERMINE SYSTEMS	26,497	26,497
021	0602716A	HUMAN FACTORS ENGINEERING TECHNOLOGY	23,671	23,671
022	0602720A	ENVIRONMENTAL QUALITY TECHNOLOGY	22,151	22,151
023	0602782A	COMMAND, CONTROL, COMMUNICATIONS TECHNOLOGY.	37,803	37,803
024	0602783A	COMPUTER AND SOFTWARE TECHNOLOGY	13,811	13,811
025	0602784A	MILITARY ENGINEERING TECHNOLOGY	67,416	67,416
026	0602785A	MANPOWER/PERSONNEL/TRAINING TECHNOLOGY.	26,045	26,045
027	0602786A	WARFIGHTER TECHNOLOGY	37,403	42,403
		Program Increase		[5,000]
028	0602787A	MEDICAL TECHNOLOGY	77,111	77,111
		SUBTOTAL APPLIED RESEARCH	907,574	920,074
		ADVANCED TECHNOLOGY DEVELOPMENT		
029	0603001A	WARFIGHTER ADVANCED TECHNOLOGY	38,831	38,831
030	0603002A	MEDICAL ADVANCED TECHNOLOGY	68,365	68,365
031	0603003A	AVIATION ADVANCED TECHNOLOGY	94,280	94,280
032	0603004A	WEAPONS AND MUNITIONS ADVANCED TECHNOLOGY.	68,714	68,714
033	0603005A	COMBAT VEHICLE AND AUTOMOTIVE ADVANCED TECHNOLOGY.	122,132	152,132
		Emerging requirement		[30,000]
034	0603006A	SPACE APPLICATION ADVANCED TECHNOLOGY	3,904	3,904
035	0603007A	MANPOWER, PERSONNEL AND TRAINING ADVANCED TECHNOLOGY.	14,417	14,417
037	0603009A	TRACTOR HIKE	8,074	21,374
		Classified adjustment		[13,300]
038	0603015A	NEXT GENERATION TRAINING & SIMULATION SYSTEMS.	18,969	18,969
039	0603020A	TRACTOR ROSE	11,910	11,910
040	0603125A	COMBATING TERRORISM—TECHNOLOGY DEVELOPMENT.	27,686	27,686
041	0603130A	TRACTOR NAIL	2,340	2,340
042	0603131A	TRACTOR EGGS	2,470	2,470
043	0603270A	ELECTRONIC WARFARE TECHNOLOGY	27,893	27,893
044	0603313A	MISSILE AND ROCKET ADVANCED TECHNOLOGY.	52,190	52,190
045	0603322A	TRACTOR CAGE	11,107	11,107
046	0603461A	HIGH PERFORMANCE COMPUTING MODERNIZATION PROGRAM.	177,190	179,190
		Program increase		[2,000]
047	0603606A	LANDMINE WARFARE AND BARRIER ADVANCED TECHNOLOGY.	17,451	17,451
048	0603607A	JOINT SERVICE SMALL ARMS PROGRAM	5,839	5,839
049	0603710A	NIGHT VISION ADVANCED TECHNOLOGY	44,468	44,468
050	0603728A	ENVIRONMENTAL QUALITY TECHNOLOGY DEMONSTRATIONS.	11,137	11,137
051	0603734A	MILITARY ENGINEERING ADVANCED TECHNOLOGY.	20,684	20,684
052	0603772A	ADVANCED TACTICAL COMPUTER SCIENCE AND SENSOR TECHNOLOGY.	44,239	44,239
053	0603794A	C3 ADVANCED TECHNOLOGY	35,775	35,775
		SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT.	930,065	975,365
		ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES		
054	0603305A	ARMY MISSILE DEFENSE SYSTEMS INTEGRATION.	9,433	9,433

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2017 Request	Conference Authorized
055	0603308A	ARMY SPACE SYSTEMS INTEGRATION	23,056	23,056
056	0603619A	LANDMINE WARFARE AND BARRIER—ADV DEV	72,117	72,117
057	0603627A	SMOKE, OBSCURANT AND TARGET DEFEATING SYS-ADV DEV.	28,244	28,244
058	0603639A	TANK AND MEDIUM CALIBER AMMUNITION	40,096	40,096
059	0603747A	SOLDIER SUPPORT AND SURVIVABILITY	10,506	10,506
060	0603766A	TACTICAL ELECTRONIC SURVEILLANCE SYS- TEM—ADV DEV.	15,730	15,730
061	0603774A	NIGHT VISION SYSTEMS ADVANCED DEVELOP- MENT.	10,321	10,321
062	0603779A	ENVIRONMENTAL QUALITY TECHNOLOGY— DEM/VAL.	7,785	7,785
063	0603790A	NATO RESEARCH AND DEVELOPMENT	2,300	2,300
064	0603801A	AVIATION—ADV DEV	10,014	10,014
065	0603804A	LOGISTICS AND ENGINEER EQUIPMENT—ADV DEV.	20,834	20,834
066	0603807A	MEDICAL SYSTEMS—ADV DEV	33,503	33,503
067	0603827A	SOLDIER SYSTEMS—ADVANCED DEVELOP- MENT. <i>Accelerate small arms improvement</i>	31,120	40,520 [9,400]
068	0604100A	ANALYSIS OF ALTERNATIVES	6,608	6,608
069	0604114A	LOWER TIER AIR MISSILE DEFENSE (LTAMD) SENSOR.	35,132	35,132
070	0604115A	TECHNOLOGY MATURATION INITIATIVES	70,047	61,038
		<i>Excess growth</i>		[-9,009]
071	0604120A	ASSURED POSITIONING, NAVIGATION AND TIM- ING (PNT).	83,279	83,279
073	0305251A	CYBERSPACE OPERATIONS FORCES AND FORCE SUPPORT. <i>Inadequate justification</i>	40,510	30,510 [-10,000]
		SUBTOTAL ADVANCED COMPONENT DE- VELOPMENT & PROTOTYPES.	550,635	541,026
		SYSTEM DEVELOPMENT & DEMONSTRATION		
074	0604201A	AIRCRAFT AVIONICS	83,248	83,248
075	0604270A	ELECTRONIC WARFARE DEVELOPMENT	34,642	34,642
077	0604290A	MID-TIER NETWORKING VEHICULAR RADIO (MNVN).	12,172	12,172
078	0604321A	ALL SOURCE ANALYSIS SYSTEM	3,958	3,958
079	0604328A	TRACTOR CAGE	12,525	12,525
080	0604601A	INFANTRY SUPPORT WEAPONS	66,943	66,943
082	0604611A	JAVELIN	20,011	20,011
083	0604622A	FAMILY OF HEAVY TACTICAL VEHICLES	11,429	11,429
084	0604633A	AIR TRAFFIC CONTROL	3,421	3,421
085	0604641A	TACTICAL UNMANNED GROUND VEHICLE (TUGV).	39,282	39,282
086	0604642A	LIGHT TACTICAL WHEELED VEHICLES	494	494
087	0604645A	ARMORED SYSTEMS MODERNIZATION (ASM)— ENG DEV.	9,678	9,678
088	0604710A	NIGHT VISION SYSTEMS—ENG DEV	84,519	84,519
089	0604713A	COMBAT FEEDING, CLOTHING, AND EQUIP- MENT.	2,054	2,054
090	0604715A	NON-SYSTEM TRAINING DEVICES—ENG DEV	30,774	30,774
091	0604741A	AIR DEFENSE COMMAND, CONTROL AND IN- TELLIGENCE—ENG DEV. <i>Program increase- all digital radar technology for CRAM.</i>	53,332	61,332 [8,000]
092	0604742A	CONSTRUCTIVE SIMULATION SYSTEMS DEVEL- OPMENT.	17,887	17,887
093	0604746A	AUTOMATIC TEST EQUIPMENT DEVELOPMENT	8,813	8,813
094	0604760A	DISTRIBUTIVE INTERACTIVE SIMULATIONS (DIS)—ENG DEV.	10,487	10,487
095	0604780A	COMBINED ARMS TACTICAL TRAINER (CATT) CORE.	15,068	15,068
096	0604798A	BRIGADE ANALYSIS, INTEGRATION AND EVAL- UATION.	89,716	89,716
097	0604802A	WEAPONS AND MUNITIONS—ENG DEV	80,365	80,365
098	0604804A	LOGISTICS AND ENGINEER EQUIPMENT—ENG DEV. <i>Program Increase- next generation signature man- agement.</i>	75,098	86,198 [11,100]
099	0604805A	COMMAND, CONTROL, COMMUNICATIONS SYS- TEMS—ENG DEV.	4,245	4,245

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2017 Request	Conference Authorized
100	0604807A	MEDICAL MATERIEL/MEDICAL BIOLOGICAL DEFENSE EQUIPMENT—ENG DEV.	41,124	41,124
101	0604808A	LANDMINE WARFARE/BARRIER—ENG DEV	39,630	39,630
102	0604818A	ARMY TACTICAL COMMAND & CONTROL HARDWARE & SOFTWARE.	205,590	205,590
103	0604820A	RADAR DEVELOPMENT	15,983	15,983
104	0604822A	GENERAL FUND ENTERPRISE BUSINESS SYSTEM (GFEB).	6,805	6,805
105	0604823A	FIREFINDER	9,235	9,235
106	0604827A	SOLDIER SYSTEMS—WARRIOR DEM/VAL	12,393	12,393
107	0604854A	ARTILLERY SYSTEMS—EMD	1,756	1,756
108	0605013A	INFORMATION TECHNOLOGY DEVELOPMENT	74,236	74,236
109	0605018A	INTEGRATED PERSONNEL AND PAY SYSTEM—ARMY (IPPS-A).	155,584	144,584
		Unjustified growth		[-11,000]
110	0605028A	ARMORED MULTI-PURPOSE VEHICLE (AMPV)	184,221	184,221
111	0605029A	INTEGRATED GROUND SECURITY SURVEILLANCE RESPONSE CAPABILITY (IGSSR-C).	4,980	4,980
112	0605030A	JOINT TACTICAL NETWORK CENTER (JTNC)	15,041	15,041
113	0605031A	JOINT TACTICAL NETWORK (JTN)	16,014	16,014
114	0605032A	TRACTOR TIRE	27,254	27,254
115	0605033A	GROUND-BASED OPERATIONAL SURVEILLANCE SYSTEM—EXPEDITIONARY (GBOSS-E).	5,032	5,032
116	0605034A	TACTICAL SECURITY SYSTEM (TSS)	2,904	2,904
117	0605035A	COMMON INFRARED COUNTERMEASURES (CIRCM).	96,977	96,977
118	0605036A	COMBATING WEAPONS OF MASS DESTRUCTION (CWMD).	2,089	2,089
119	0605041A	DEFENSIVE CYBER TOOL DEVELOPMENT	33,836	33,836
120	0605042A	TACTICAL NETWORK RADIO SYSTEMS (LOW-TIER).	18,824	18,824
121	0605047A	CONTRACT WRITING SYSTEM	20,663	20,663
122	0605051A	AIRCRAFT SURVIVABILITY DEVELOPMENT	41,133	41,133
123	0605052A	INDIRECT FIRE PROTECTION CAPABILITY INC 2—BLOCK 1.	83,995	83,995
125	0605380A	AMF JOINT TACTICAL RADIO SYSTEM (JTRS)	5,028	5,028
126	0605450A	JOINT AIR-TO-GROUND MISSILE (JAGM)	42,972	42,972
128	0605457A	ARMY INTEGRATED AIR AND MISSILE DEFENSE (AIAMD).	252,811	252,811
131	0605766A	NATIONAL CAPABILITIES INTEGRATION (MIP) ...	4,955	4,955
132	0605812A	JOINT LIGHT TACTICAL VEHICLE (JLTV) ENGINEERING AND MANUFACTURING DEVELOPMENT PH.	11,530	11,530
133	0605830A	AVIATION GROUND SUPPORT EQUIPMENT	2,142	2,142
134	0210609A	PALADIN INTEGRATED MANAGEMENT (PIM)	41,498	41,498
135	0303032A	TROJAN—RH12	4,273	4,273
136	0304270A	ELECTRONIC WARFARE DEVELOPMENT	14,425	14,425
		SUBTOTAL SYSTEM DEVELOPMENT & DEMONSTRATION.	2,265,094	2,273,194
		RDT&E MANAGEMENT SUPPORT		
137	0604256A	THREAT SIMULATOR DEVELOPMENT	25,675	25,675
138	0604258A	TARGET SYSTEMS DEVELOPMENT	19,122	19,122
139	0604759A	MAJOR T&E INVESTMENT	84,777	84,777
140	0605103A	RAND ARROYO CENTER	20,658	20,658
141	0605301A	ARMY KWAJALEIN ATOLL	236,648	236,648
142	0605326A	CONCEPTS EXPERIMENTATION PROGRAM	25,596	25,596
144	0605601A	ARMY TEST RANGES AND FACILITIES	293,748	293,748
145	0605602A	ARMY TECHNICAL TEST INSTRUMENTATION AND TARGETS.	52,404	52,404
146	0605604A	SURVIVABILITY/LETHALITY ANALYSIS	38,571	38,571
147	0605606A	AIRCRAFT CERTIFICATION	4,665	4,665
148	0605702A	METEOROLOGICAL SUPPORT TO RDT&E ACTIVITIES.	6,925	6,925
149	0605706A	MATERIEL SYSTEMS ANALYSIS	21,677	21,677
150	0605709A	EXPLOITATION OF FOREIGN ITEMS	12,415	12,415
151	0605712A	SUPPORT OF OPERATIONAL TESTING	49,684	49,684
152	0605716A	ARMY EVALUATION CENTER	55,905	55,905
153	0605718A	ARMY MODELING & SIM X-CMD COLLABORATION & INTEG.	7,959	7,959
154	0605801A	PROGRAMWIDE ACTIVITIES	51,822	51,822
155	0605803A	TECHNICAL INFORMATION ACTIVITIES	33,323	33,323

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2017 Request	Conference Authorized
156	0605805A	MUNITIONS STANDARDIZATION, EFFECTIVENESS AND SAFETY.	40,545	40,545
157	0605857A	ENVIRONMENTAL QUALITY TECHNOLOGY MGMT SUPPORT.	2,130	2,130
158	0605898A	MANAGEMENT HQ—R&D	49,885	49,885
159	0303260A	DEFENSE MILITARY DECEPTION INITIATIVE	2,000	2,000
		SUBTOTAL RDT&E MANAGEMENT SUPPORT	1,136,134	1,136,134
		OPERATIONAL SYSTEMS DEVELOPMENT		
161	0603778A	MLRS PRODUCT IMPROVEMENT PROGRAM	9,663	9,663
162	0603813A	TRACTOR PULL	3,960	3,960
163	0605024A	ANTI-TAMPER TECHNOLOGY SUPPORT	3,638	3,638
164	0607131A	WEAPONS AND MUNITIONS PRODUCT IMPROVEMENT PROGRAMS.	14,517	14,517
165	0607133A	TRACTOR SMOKE	4,479	4,479
166	0607134A	LONG RANGE PRECISION FIRES (LRPF)	39,275	39,275
167	0607135A	APACHE PRODUCT IMPROVEMENT PROGRAM ...	66,441	66,441
168	0607136A	BLACKHAWK PRODUCT IMPROVEMENT PROGRAM.	46,765	46,765
169	0607137A	CHINOOK PRODUCT IMPROVEMENT PROGRAM	91,848	91,848
170	0607138A	FIXED WING PRODUCT IMPROVEMENT PROGRAM.	796	796
171	0607139A	IMPROVED TURBINE ENGINE PROGRAM	126,105	126,105
172	0607140A	EMERGING TECHNOLOGIES FROM NIE	2,369	2,369
173	0607141A	LOGISTICS AUTOMATION	4,563	4,563
174	0607665A	FAMILY OF BIOMETRICS	12,098	12,098
175	0607865A	PATRIOT PRODUCT IMPROVEMENT	49,482	49,482
176	0202429A	AEROSTAT JOINT PROJECT—COCOM EXERCISE Program reduction	45,482	2,482
178	0203728A	JOINT AUTOMATED DEEP OPERATION COORDINATION SYSTEM (JADOC).	30,455	[-43,000] 30,455
179	0203735A	COMBAT VEHICLE IMPROVEMENT PROGRAMS ..	316,857	316,857
180	0203740A	MANEUVER CONTROL SYSTEM	4,031	4,031
181	0203744A	AIRCRAFT MODIFICATIONS/PRODUCT IMPROVEMENT PROGRAMS.	35,793	35,793
182	0203752A	AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM.	259	259
183	0203758A	DIGITIZATION	6,483	6,483
184	0203801A	MISSILE/AIR DEFENSE PRODUCT IMPROVEMENT PROGRAM.	5,122	5,122
185	0203802A	OTHER MISSILE PRODUCT IMPROVEMENT PROGRAMS.	7,491	7,491
186	0203808A	TRACTOR CARD	20,333	20,333
188	0205410A	MATERIALS HANDLING EQUIPMENT	124	124
190	0205456A	LOWER TIER AIR AND MISSILE DEFENSE (AMD) SYSTEM.	69,417	69,417
191	0205778A	GUIDED MULTIPLE-LAUNCH ROCKET SYSTEM (GMLRS).	22,044	22,044
192	0208053A	JOINT TACTICAL GROUND SYSTEM	12,649	12,649
194	0303028A	SECURITY AND INTELLIGENCE ACTIVITIES	11,619	11,619
195	0303140A	INFORMATION SYSTEMS SECURITY PROGRAM ..	38,280	38,280
196	0303141A	GLOBAL COMBAT SUPPORT SYSTEM	27,223	27,223
197	0303142A	SATCOM GROUND ENVIRONMENT (SPACE)	18,815	18,815
198	0303150A	WWMCCS/GLOBAL COMMAND AND CONTROL SYSTEM.	4,718	4,718
202	0305204A	TACTICAL UNMANNED AERIAL VEHICLES	8,218	8,218
203	0305206A	AIRBORNE RECONNAISSANCE SYSTEMS	11,799	11,799
204	0305208A	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS.	32,284	32,284
205	0305219A	MQ-1C GRAY EAGLE UAS	13,470	13,470
206	0305232A	RQ-11 UAV	1,613	1,613
207	0305233A	RQ-7 UAV	4,597	4,597
209	0310349A	WIN-T INCREMENT 2—INITIAL NETWORKING	4,867	4,867
210	0708045A	END ITEM INDUSTRIAL PREPAREDNESS ACTIVITIES.	62,287	62,287
210A	999999999	CLASSIFIED PROGRAMS	4,625	4,625
		SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT.	1,296,954	1,253,954
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, ARMY.	7,515,399	7,528,690

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2017 Request	Conference Authorized
		RESEARCH, DEVELOPMENT, TEST & EVAL,		
		NAVY		
		BASIC RESEARCH		
001	0601103N	UNIVERSITY RESEARCH INITIATIVES	101,714	121,714
		Program increase		[20,000]
002	0601152N	IN-HOUSE LABORATORY INDEPENDENT RESEARCH.	18,508	18,508
003	0601153N	DEFENSE RESEARCH SCIENCES	422,748	422,748
		SUBTOTAL BASIC RESEARCH	542,970	562,970
		APPLIED RESEARCH		
004	0602114N	POWER PROJECTION APPLIED RESEARCH	41,371	41,371
005	0602123N	FORCE PROTECTION APPLIED RESEARCH	158,745	158,745
006	0602131M	MARINE CORPS LANDING FORCE TECHNOLOGY	51,590	51,590
007	0602235N	COMMON PICTURE APPLIED RESEARCH	41,185	41,185
008	0602236N	WARFIGHTER SUSTAINMENT APPLIED RESEARCH.	45,467	45,467
009	0602271N	ELECTROMAGNETIC SYSTEMS APPLIED RESEARCH.	118,941	118,941
010	0602435N	OCEAN WARFIGHTING ENVIRONMENT APPLIED RESEARCH.	42,618	72,618
		Service Life Extension Program—AGOR		[30,000]
011	0602651M	JOINT NON-LETHAL WEAPONS APPLIED RESEARCH.	6,327	6,327
012	0602747N	UNDERSEA WARFARE APPLIED RESEARCH	126,313	126,313
013	0602750N	FUTURE NAVAL CAPABILITIES APPLIED RESEARCH.	165,103	165,103
014	0602782N	MINE AND EXPEDITIONARY WARFARE APPLIED RESEARCH.	33,916	33,916
015	0602898N	SCIENCE AND TECHNOLOGY MANAGEMENT—ONR HEADQUARTERS.	29,575	29,575
		SUBTOTAL APPLIED RESEARCH	861,151	891,151
		ADVANCED TECHNOLOGY DEVELOPMENT		
016	0603114N	POWER PROJECTION ADVANCED TECHNOLOGY	96,406	96,406
017	0603123N	FORCE PROTECTION ADVANCED TECHNOLOGY	48,438	48,438
018	0603271N	ELECTROMAGNETIC SYSTEMS ADVANCED TECHNOLOGY.	26,421	26,421
019	0603640M	USMC ADVANCED TECHNOLOGY DEMONSTRATION (ATD).	140,416	140,416
020	0603651M	JOINT NON-LETHAL WEAPONS TECHNOLOGY DEVELOPMENT.	13,117	13,117
021	0603673N	FUTURE NAVAL CAPABILITIES ADVANCED TECHNOLOGY DEVELOPMENT.	249,092	247,092
		Capable manpower, and power and energy		[-2,000]
022	0603680N	MANUFACTURING TECHNOLOGY PROGRAM	56,712	56,712
023	0603729N	WARFIGHTER PROTECTION ADVANCED TECHNOLOGY.	4,789	4,789
024	0603747N	UNDERSEA WARFARE ADVANCED TECHNOLOGY	25,880	25,880
025	0603758N	NAVY WARFIGHTING EXPERIMENTS AND DEMONSTRATIONS.	60,550	60,550
026	0603782N	MINE AND EXPEDITIONARY WARFARE ADVANCED TECHNOLOGY.	15,167	15,167
		SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT.	736,988	734,988
		ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES		
027	0603207N	AIR/OCEAN TACTICAL APPLICATIONS	48,536	48,536
028	0603216N	AVIATION SURVIVABILITY	5,239	5,239
030	0603251N	AIRCRAFT SYSTEMS	1,519	1,519
031	0603254N	ASW SYSTEMS DEVELOPMENT	7,041	7,041
032	0603261N	TACTICAL AIRBORNE RECONNAISSANCE	3,274	3,274
033	0603382N	ADVANCED COMBAT SYSTEMS TECHNOLOGY	57,034	15,496
		Rapid prototype development excess growth		[-30,267]
		Unmanned rapid prototype development excess growth.		[-11,271]
034	0603502N	SURFACE AND SHALLOW WATER MINE COUNTERMEASURES.	165,775	143,548
		Excess prior year funds		[-1,500]
		LDUV product development excess growth		[-13,800]
		USV with AQS-20 product development excess growth.		[-5,750]

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2017 Request	Conference Authorized
		USV with AQS-20 support excess growth		[-1,177]
035	0603506N	SURFACE SHIP TORPEDO DEFENSE	87,066	87,066
036	0603512N	CARRIER SYSTEMS DEVELOPMENT	7,605	7,605
037	0603525N	PILOT FISH	132,068	132,068
038	0603527N	RETRACT LARCH	14,546	14,546
039	0603536N	RETRACT JUNIPER	115,435	115,435
040	0603542N	RADIOLOGICAL CONTROL	702	702
041	0603553N	SURFACE ASW	1,081	1,081
042	0603561N	ADVANCED SUBMARINE SYSTEM DEVELOPMENT.	100,565	100,565
043	0603562N	SUBMARINE TACTICAL WARFARE SYSTEMS	8,782	8,782
044	0603563N	SHIP CONCEPT ADVANCED DESIGN	14,590	14,590
045	0603564N	SHIP PRELIMINARY DESIGN & FEASIBILITY STUDIES.	15,805	15,805
046	0603570N	ADVANCED NUCLEAR POWER SYSTEMS	453,313	453,313
047	0603573N	ADVANCED SURFACE MACHINERY SYSTEMS	36,655	36,655
048	0603576N	CHALK EAGLE	367,016	367,016
049	0603581N	LITTORAL COMBAT SHIP (LCS)	51,630	51,630
050	0603582N	COMBAT SYSTEM INTEGRATION	23,530	23,530
051	0603595N	OHIO REPLACEMENT	700,811	700,811
052	0603596N	LCS MISSION MODULES	160,058	129,187
		Program Restructure		[-30,871]
053	0603597N	AUTOMATED TEST AND ANALYSIS		8,000
		Program increase		[8,000]
054	0603599N	FRIGATE DEVELOPMENT	84,900	84,900
055	0603609N	CONVENTIONAL MUNITIONS	8,342	8,342
056	0603611M	MARINE CORPS ASSAULT VEHICLES	158,682	138,762
		Product development prior year carryover		[-19,920]
057	0603635M	MARINE CORPS GROUND COMBAT/SUPPORT SYSTEM.	1,303	1,303
058	0603654N	JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT.	46,911	46,911
060	0603713N	OCEAN ENGINEERING TECHNOLOGY DEVELOPMENT.	4,556	4,556
061	0603721N	ENVIRONMENTAL PROTECTION	20,343	20,343
062	0603724N	NAVY ENERGY PROGRAM	52,479	52,479
063	0603725N	FACILITIES IMPROVEMENT	5,458	5,458
064	0603734N	CHALK CORAL	245,860	245,860
065	0603739N	NAVY LOGISTIC PRODUCTIVITY	3,089	3,089
066	0603746N	RETRACT MAPLE	323,526	323,526
067	0603748N	LINK PLUMERIA	318,497	318,497
068	0603751N	RETRACT ELM	52,834	52,834
069	0603764N	LINK EVERGREEN	48,116	48,116
070	0603787N	SPECIAL PROCESSES	13,619	13,619
071	0603790N	NATO RESEARCH AND DEVELOPMENT	9,867	9,867
072	0603795N	LAND ATTACK TECHNOLOGY	6,015	6,015
073	0603851M	JOINT NON-LETHAL WEAPONS TESTING	27,904	27,904
074	0603860N	JOINT PRECISION APPROACH AND LANDING SYSTEMS—DEM/VAL.	104,144	102,722
		UCLASS test support unjustified request		[-1,422]
075	0603925N	DIRECTED ENERGY AND ELECTRIC WEAPON SYSTEMS.	32,700	32,700
076	0604112N	GERALD R. FORD CLASS NUCLEAR AIRCRAFT CARRIER (CVN 78—80).	70,528	70,528
077	0604122N	REMOTE MINEHUNTING SYSTEM (RMS)	3,001	3,001
078	0604272N	TACTICAL AIR DIRECTIONAL INFRARED COUNTERMEASURES (TADIRCM).	34,920	34,920
080	0604292N	MH-XX	1,620	1,620
081	0604454N	LX (R)	6,354	6,354
082	0604536N	ADVANCED UNDERSEA PROTOTYPING	78,589	44,189
		Ahead of need		[-34,400]
084	0604659N	PRECISION STRIKE WEAPONS DEVELOPMENT PROGRAM.	9,910	9,910
085	0604707N	SPACE AND ELECTRONIC WARFARE (SEW) ARCHITECTURE/ENGINEERING SUPPORT.	23,971	23,971
086	0604786N	OFFENSIVE ANTI-SURFACE WARFARE WEAPON DEVELOPMENT.	252,409	250,371
		Increment II early to need		[-2,038]
087	0605812M	JOINT LIGHT TACTICAL VEHICLE (JLTV) ENGINEERING AND MANUFACTURING DEVELOPMENT PH.	23,197	23,197
088	0303354N	ASW SYSTEMS DEVELOPMENT—MIP	9,110	9,110
089	0304270N	ELECTRONIC WARFARE DEVELOPMENT—MIP	437	437

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2017 Request	Conference Authorized
		SUBTOTAL ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES.	4,662,867	4,518,451
		SYSTEM DEVELOPMENT & DEMONSTRATION		
090	0603208N	TRAINING SYSTEM AIRCRAFT	19,938	19,938
091	0604212N	OTHER HELO DEVELOPMENT	6,268	6,268
092	0604214N	AV-8B AIRCRAFT—ENG DEV	33,664	33,664
093	0604215N	STANDARDS DEVELOPMENT	1,300	1,300
094	0604216N	MULTI-MISSION HELICOPTER UPGRADE DEVELOPMENT.	5,275	5,275
095	0604218N	AIR/OCEAN EQUIPMENT ENGINEERING	3,875	3,875
096	0604221N	P-3 MODERNIZATION PROGRAM	1,909	1,909
097	0604230N	WARFARE SUPPORT SYSTEM	13,237	13,237
098	0604231N	TACTICAL COMMAND SYSTEM	36,323	36,323
099	0604234N	ADVANCED HAWKEYE	363,792	363,792
100	0604245N	H-1 UPGRADES	27,441	27,441
101	0604261N	ACOUSTIC SEARCH SENSORS	34,525	34,525
102	0604262N	V-22A	174,423	157,698
		Hardware development airframe excess growth		[-8,474]
		Refueling system development excess growth		[-8,251]
103	0604264N	AIR CREW SYSTEMS DEVELOPMENT	13,577	13,577
104	0604269N	EA-18	116,761	116,761
105	0604270N	ELECTRONIC WARFARE DEVELOPMENT	48,766	48,766
106	0604273N	EXECUTIVE HELO DEVELOPMENT	338,357	338,357
107	0604274N	NEXT GENERATION JAMMER (NGJ)	577,822	577,822
108	0604280N	JOINT TACTICAL RADIO SYSTEM—NAVY (JTRS-NAVY).	2,365	2,365
109	0604282N	NEXT GENERATION JAMMER (NGJ) INCREMENT II.	52,065	42,065
		Program growth		[-10,000]
110	0604307N	SURFACE COMBATANT COMBAT SYSTEM ENGINEERING.	282,764	282,764
111	0604311N	LPD-17 CLASS SYSTEMS INTEGRATION	580	580
112	0604329N	SMALL DIAMETER BOMB (SDB)	97,622	97,622
113	0604366N	STANDARD MISSILE IMPROVEMENTS	120,561	120,561
114	0604373N	AIRBORNE MCM	45,622	45,622
116	0604378N	NAVAL INTEGRATED FIRE CONTROL—COUNTER AIR SYSTEMS ENGINEERING.	25,750	25,750
118	0604501N	ADVANCED ABOVE WATER SENSORS	85,868	85,868
119	0604503N	SSN-688 AND TRIDENT MODERNIZATION	117,476	117,476
120	0604504N	AIR CONTROL	47,404	47,404
121	0604512N	SHIPBOARD AVIATION SYSTEMS	112,158	112,158
122	0604518N	COMBAT INFORMATION CENTER CONVERSION	6,283	6,283
123	0604522N	AIR AND MISSILE DEFENSE RADAR (AMDR) SYSTEM.	144,395	144,395
124	0604558N	NEW DESIGN SSN	113,013	113,013
125	0604562N	SUBMARINE TACTICAL WARFARE SYSTEM	43,160	43,160
126	0604567N	SHIP CONTRACT DESIGN LIVE FIRE T&E	65,002	85,002
		CVN Design		[20,000]
127	0604574N	NAVY TACTICAL COMPUTER RESOURCES	3,098	3,098
128	0604580N	VIRGINIA PAYLOAD MODULE (VPM)	97,920	97,920
129	0604601N	MINE DEVELOPMENT	10,490	10,490
130	0604610N	LIGHTWEIGHT TORPEDO DEVELOPMENT	20,178	20,178
131	0604654N	JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT.	7,369	7,369
132	0604703N	PERSONNEL, TRAINING, SIMULATION, AND HUMAN FACTORS.	4,995	4,995
133	0604727N	JOINT STANDOFF WEAPON SYSTEMS	412	412
134	0604755N	SHIP SELF DEFENSE (DETECT & CONTROL)	134,619	134,619
135	0604756N	SHIP SELF DEFENSE (ENGAGE: HARD KILL)	114,475	105,475
		Program Execution		[-9,000]
136	0604757N	SHIP SELF DEFENSE (ENGAGE: SOFT KILL/EW)	114,211	111,211
		Decoy development effort unjustified growth		[-3,000]
137	0604761N	INTELLIGENCE ENGINEERING	11,029	11,029
138	0604771N	MEDICAL DEVELOPMENT	9,220	9,220
139	0604777N	NAVIGATION/ID SYSTEM	42,723	42,723
140	0604800M	JOINT STRIKE FIGHTER (JSF)—EMD	531,426	531,426
141	0604800N	JOINT STRIKE FIGHTER (JSF)—EMD	528,716	528,716
142	0604810M	JOINT STRIKE FIGHTER FOLLOW ON DEVELOPMENT—MARINE CORPS.	74,227	71,977
		Follow-on development excess funds		[-2,250]
143	0604810N	JOINT STRIKE FIGHTER FOLLOW ON DEVELOPMENT—NAVY.	63,387	61,137

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2017 Request	Conference Authorized
		<i>Follow-on development excess funds</i>		[-2,250]
144	0605013M	INFORMATION TECHNOLOGY DEVELOPMENT	4,856	4,856
145	0605013N	INFORMATION TECHNOLOGY DEVELOPMENT	97,066	97,066
146	0605024N	ANTI-TAMPER TECHNOLOGY SUPPORT	2,500	2,500
147	0605212N	CH-53K RDTE	404,810	373,297
		<i>Program delay</i>		[-31,513]
148	0605215N	MISSION PLANNING	33,570	33,570
149	0605217N	COMMON AVIONICS	51,599	51,599
150	0605220N	SHIP TO SHORE CONNECTOR (SSC)	11,088	11,088
151	0605327N	T-AO (X)	1,095	1,095
152	0605414N	MQ-XX	89,000	77,000
		<i>Excess Obligation</i>		[-12,000]
153	0605450N	JOINT AIR-TO-GROUND MISSILE (JAGM)	17,880	17,880
154	0605500N	MULTI-MISSION MARITIME AIRCRAFT (MMA)	59,126	59,126
155	0605504N	MULTI-MISSION MARITIME (MMA) INCREMENT III.	182,220	152,220
		<i>Program execution</i>		[-30,000]
156	0204202N	DDG-1000	45,642	45,642
159	0304231N	TACTICAL COMMAND SYSTEM—MIP	676	676
160	0304785N	TACTICAL CRYPTOLOGIC SYSTEMS	36,747	36,747
161	0305124N	SPECIAL APPLICATIONS PROGRAM	35,002	35,002
162	0306250M	CYBER OPERATIONS TECHNOLOGY DEVELOPMENT.	4,942	4,942
		SUBTOTAL SYSTEM DEVELOPMENT & DEMONSTRATION.	6,025,655	5,928,917
		MANAGEMENT SUPPORT		
163	0604256N	THREAT SIMULATOR DEVELOPMENT	16,633	16,633
164	0604258N	TARGET SYSTEMS DEVELOPMENT	36,662	36,662
165	0604759N	MAJOR T&E INVESTMENT	42,109	42,109
166	0605126N	JOINT THEATER AIR AND MISSILE DEFENSE ORGANIZATION.	2,998	2,998
167	0605152N	STUDIES AND ANALYSIS SUPPORT—NAVY	3,931	3,931
168	0605154N	CENTER FOR NAVAL ANALYSES	46,634	46,634
169	0605285N	NEXT GENERATION FIGHTER	1,200	1,200
171	0605804N	TECHNICAL INFORMATION SERVICES	903	903
172	0605853N	MANAGEMENT, TECHNICAL & INTERNATIONAL SUPPORT.	87,077	87,077
173	0605856N	STRATEGIC TECHNICAL SUPPORT	3,597	3,597
174	0605861N	RDT&E SCIENCE AND TECHNOLOGY MANAGEMENT.	62,811	62,811
175	0605863N	RDT&E SHIP AND AIRCRAFT SUPPORT	106,093	106,093
176	0605864N	TEST AND EVALUATION SUPPORT	349,146	349,146
177	0605865N	OPERATIONAL TEST AND EVALUATION CAPABILITY.	18,160	18,160
178	0605866N	NAVY SPACE AND ELECTRONIC WARFARE (SEW) SUPPORT.	9,658	9,658
179	0605867N	SEW SURVEILLANCE/RECONNAISSANCE SUPPORT.	6,500	6,500
180	0605873M	MARINE CORPS PROGRAM WIDE SUPPORT	22,247	22,247
181	0605898N	MANAGEMENT HQ—R&D	16,254	16,254
182	0606355N	WARFARE INNOVATION MANAGEMENT	21,123	21,123
		SUBTOTAL MANAGEMENT SUPPORT	853,736	853,736
		OPERATIONAL SYSTEMS DEVELOPMENT		
188	0607658N	COOPERATIVE ENGAGEMENT CAPABILITY (CEC)	84,501	84,501
189	0607700N	DEPLOYABLE JOINT COMMAND AND CONTROL	2,970	2,970
190	0101221N	STRATEGIC SUB & WEAPONS SYSTEM SUPPORT	136,556	136,556
191	0101224N	SSBN SECURITY TECHNOLOGY PROGRAM	33,845	33,845
192	0101226N	SUBMARINE ACOUSTIC WARFARE DEVELOPMENT.	9,329	9,329
193	0101402N	NAVY STRATEGIC COMMUNICATIONS	17,218	17,218
195	0204136N	F/A-18 SQUADRONS	189,125	189,125
196	0204163N	FLEET TELECOMMUNICATIONS (TACTICAL)	48,225	48,225
197	0204228N	SURFACE SUPPORT	21,156	21,156
198	0204229N	TOMAHAWK AND TOMAHAWK MISSION PLANNING CENTER (TMPC).	71,355	71,355
199	0204311N	INTEGRATED SURVEILLANCE SYSTEM	58,542	57,058
		<i>TASW prototypes excess growth</i>		[-1,484]
200	0204413N	AMPHIBIOUS TACTICAL SUPPORT UNITS (DISPLACEMENT CRAFT).	13,929	13,929
201	0204460M	GROUND/AIR TASK ORIENTED RADAR (G/ATOR)	83,538	83,538

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2017 Request	Conference Authorized
202	0204571N	CONSOLIDATED TRAINING SYSTEMS DEVELOPMENT.	38,593	38,593
203	0204574N	CRYPTOLOGIC DIRECT SUPPORT	1,122	1,122
204	0204575N	ELECTRONIC WARFARE (EW) READINESS SUPPORT.	99,998	99,998
205	0205601N	HARM IMPROVEMENT	48,635	48,635
206	0205604N	TACTICAL DATA LINKS	124,785	124,785
207	0205620N	SURFACE ASW COMBAT SYSTEM INTEGRATION	24,583	24,583
208	0205632N	MK-48 ADCAP	39,134	39,134
209	0205633N	AVIATION IMPROVEMENTS	120,861	120,861
210	0205675N	OPERATIONAL NUCLEAR POWER SYSTEMS	101,786	101,786
211	0206313M	MARINE CORPS COMMUNICATIONS SYSTEMS ...	82,159	82,159
212	0206335M	COMMON AVIATION COMMAND AND CONTROL SYSTEM (CAC2S).	11,850	11,850
213	0206623M	MARINE CORPS GROUND COMBAT/SUPPORTING ARMS SYSTEMS.	47,877	47,877
214	0206624M	MARINE CORPS COMBAT SERVICES SUPPORT ...	13,194	13,194
215	0206625M	USMC INTELLIGENCE/ELECTRONIC WARFARE SYSTEMS (MIP).	17,171	17,171
216	0206629M	AMPHIBIOUS ASSAULT VEHICLE	38,020	38,020
217	0207161N	TACTICAL AIM MISSILES	56,285	56,285
218	0207163N	ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM).	40,350	40,350
219	0219902M	GLOBAL COMBAT SUPPORT SYSTEM—MARINE CORPS (GCSS-MC).	9,128	9,128
223	0303109N	SATELLITE COMMUNICATIONS (SPACE)	37,372	37,372
224	0303138N	CONSOLIDATED AFLOAT NETWORK ENTERPRISE SERVICES (CANES).	23,541	23,541
225	0303140N	INFORMATION SYSTEMS SECURITY PROGRAM ..	38,510	38,510
228	0305192N	MILITARY INTELLIGENCE PROGRAM (MIP) ACTIVITIES.	6,019	6,019
229	0305204N	TACTICAL UNMANNED AERIAL VEHICLES	8,436	8,436
230	0305205N	UAS INTEGRATION AND INTEROPERABILITY	36,509	33,509
		Prior year carryover		[-3,000]
231	0305208M	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS.	2,100	2,100
232	0305208N	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS.	44,571	44,571
233	0305220N	MQ-4C TRITON	111,729	111,729
234	0305231N	MQ-8 UAV	26,518	26,518
235	0305232M	RQ-11 UAV	418	418
236	0305233N	RQ-7 UAV	716	716
237	0305234N	SMALL (LEVEL 0) TACTICAL UAS (STUASLO)	5,071	5,071
238	0305239M	RQ-21A	9,497	9,497
239	0305241N	MULTI-INTELLIGENCE SENSOR DEVELOPMENT	77,965	77,965
240	0305242M	UNMANNED AERIAL SYSTEMS (UAS) PAYLOADS (MIP).	11,181	11,181
241	0305421N	RQ-4 MODERNIZATION	181,266	181,266
242	0308601N	MODELING AND SIMULATION SUPPORT	4,709	4,709
243	0702207N	DEPOT MAINTENANCE (NON-IF)	49,322	49,322
245	0708730N	MARITIME TECHNOLOGY (MARITECH)	3,204	3,204
245A	999999999	CLASSIFIED PROGRAMS	1,228,460	1,228,460
		SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT.	3,592,934	3,588,450
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, NAVY.	17,276,301	17,078,663
		RESEARCH, DEVELOPMENT, TEST & EVAL, AF BASIC RESEARCH		
001	0601102F	DEFENSE RESEARCH SCIENCES	340,812	340,812
002	0601103F	UNIVERSITY RESEARCH INITIATIVES	145,044	145,044
003	0601108F	HIGH ENERGY LASER RESEARCH INITIATIVES ..	14,168	14,168
		SUBTOTAL BASIC RESEARCH	500,024	500,024
		APPLIED RESEARCH		
004	0602102F	MATERIALS	126,152	131,152
		Precision measuring tools		[5,000]
005	0602201F	AEROSPACE VEHICLE TECHNOLOGIES	122,831	127,831
		Reusable Hypersonic vehicle structures development.		[5,000]
006	0602202F	HUMAN EFFECTIVENESS APPLIED RESEARCH ..	111,647	111,647
007	0602203F	AEROSPACE PROPULSION	185,671	190,671

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2017 Request	Conference Authorized
		Program increase		[5,000]
008	0602204F	AEROSPACE SENSORS	155,174	155,174
009	0602601F	SPACE TECHNOLOGY	117,915	117,915
010	0602602F	CONVENTIONAL MUNITIONS	109,649	109,649
011	0602605F	DIRECTED ENERGY TECHNOLOGY	127,163	127,163
012	0602788F	DOMINANT INFORMATION SCIENCES AND METHODS.	161,650	161,650
013	0602890F	HIGH ENERGY LASER RESEARCH	42,300	42,300
		SUBTOTAL APPLIED RESEARCH	1,260,152	1,275,152
		ADVANCED TECHNOLOGY DEVELOPMENT		
014	0603112F	ADVANCED MATERIALS FOR WEAPON SYSTEMS	35,137	45,137
		Metals Affordability Initiative		[10,000]
015	0603199F	SUSTAINMENT SCIENCE AND TECHNOLOGY (S&T).	20,636	20,636
016	0603203F	ADVANCED AEROSPACE SENSORS	40,945	40,945
017	0603211F	AEROSPACE TECHNOLOGY DEV/DEMO	130,950	130,950
018	0603216F	AEROSPACE PROPULSION AND POWER TECHNOLOGY.	94,594	99,594
		Silicon Carbide for aerospace power application ...		[5,000]
019	0603270F	ELECTRONIC COMBAT TECHNOLOGY	58,250	58,250
020	0603401F	ADVANCED SPACECRAFT TECHNOLOGY	61,593	61,593
021	0603444F	MAUI SPACE SURVEILLANCE SYSTEM (MSSS) ...	11,681	11,681
022	0603456F	HUMAN EFFECTIVENESS ADVANCED TECHNOLOGY DEVELOPMENT.	26,492	26,492
023	0603601F	CONVENTIONAL WEAPONS TECHNOLOGY	102,009	102,009
024	0603605F	ADVANCED WEAPONS TECHNOLOGY	39,064	39,064
025	0603680F	MANUFACTURING TECHNOLOGY PROGRAM	46,344	46,344
026	0603788F	BATTLESPACE KNOWLEDGE DEVELOPMENT AND DEMONSTRATION.	58,110	58,110
		SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT.	725,805	740,805
		ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES		
027	0603260F	INTELLIGENCE ADVANCED DEVELOPMENT	5,598	5,598
028	0603438F	SPACE CONTROL TECHNOLOGY	7,534	7,534
029	0603742F	COMBAT IDENTIFICATION TECHNOLOGY	24,418	24,418
030	0603790F	NATO RESEARCH AND DEVELOPMENT	4,333	4,333
032	0603830F	SPACE SECURITY AND DEFENSE PROGRAM	32,399	32,399
033	0603851F	INTERCONTINENTAL BALLISTIC MISSILE—DEM/VAL.	108,663	108,663
035	0604015F	LONG RANGE STRIKE—BOMBER	1,358,309	1,358,309
036	0604257F	ADVANCED TECHNOLOGY AND SENSORS	34,818	34,818
037	0604317F	TECHNOLOGY TRANSFER	3,368	3,368
038	0604327F	HARD AND DEEPLY BURIED TARGET DEFEAT SYSTEM (HDBTDS) PROGRAM.	74,308	74,308
039	0604422F	WEATHER SYSTEM FOLLOW-ON	118,953	113,953
		Transfer Cloud Characterization and Theater Weather Imagery to NRO.		[-5,000]
040	0604425F	SPACE SITUATION AWARENESS SYSTEMS	9,901	9,901
041	0604776F	DEPLOYMENT & DISTRIBUTION ENTERPRISE R&D.	25,890	25,890
042	0604857F	OPERATIONALLY RESPONSIVE SPACE	7,921	18,421
		Program increase		[10,500]
043	0604858F	TECH TRANSITION PROGRAM	347,304	347,304
044	0605230F	GROUND BASED STRATEGIC DETERRENT	113,919	113,919
046	0207110F	NEXT GENERATION AIR DOMINANCE	20,595	20,595
047	0207455F	THREE DIMENSIONAL LONG-RANGE RADAR (3DELRR).	49,491	49,491
048	0305164F	NAVSTAR GLOBAL POSITIONING SYSTEM (USER EQUIPMENT) (SPACE).	278,147	278,147
049	0305236F	COMMON DATA LINK EXECUTIVE AGENT (CDL EA).	42,338	42,338
050	0306250F	CYBER OPERATIONS TECHNOLOGY DEVELOPMENT.	158,002	158,002
051	0306415F	ENABLED CYBER ACTIVITIES	15,842	15,842
052	0901410F	CONTRACTING INFORMATION TECHNOLOGY SYSTEM.	5,782	5,782
		SUBTOTAL ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES.	2,847,833	2,853,333
		SYSTEM DEVELOPMENT & DEMONSTRATION		

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2017 Request	Conference Authorized
054	0604270F	ELECTRONIC WARFARE DEVELOPMENT	12,476	9,176
		Improved GPS		[-3,300]
055	0604281F	TACTICAL DATA NETWORKS ENTERPRISE	82,380	82,380
056	0604287F	PHYSICAL SECURITY EQUIPMENT	8,458	8,458
057	0604329F	SMALL DIAMETER BOMB (SDB)—EMD	54,838	47,038
		Improved GPS		[-7,800]
058	0604421F	COUNTERSPACE SYSTEMS	34,394	34,394
059	0604425F	SPACE SITUATION AWARENESS SYSTEMS	23,945	23,945
060	0604426F	SPACE FENCE	168,364	168,364
061	0604429F	AIRBORNE ELECTRONIC ATTACK	9,187	9,187
062	0604441F	SPACE BASED INFRARED SYSTEM (SBIRS) HIGH EMD.	181,966	181,966
063	0604602F	ARMAMENT/ORDNANCE DEVELOPMENT	20,312	20,312
064	0604604F	SUBUNITIONS	2,503	2,503
065	0604617F	AGILE COMBAT SUPPORT	53,680	53,680
066	0604618F	JOINT DIRECT ATTACK MUNITION	9,901	9,901
067	0604706F	LIFE SUPPORT SYSTEMS	7,520	7,520
068	0604735F	COMBAT TRAINING RANGES	77,409	77,409
069	0604800F	F-35—EMD	450,467	450,467
070	0604853F	EVOLVED EXPENDABLE LAUNCH VEHICLE PROGRAM (SPACE)—EMD.	296,572	160,000
		Launch System Development		[160,000]
		Next Generation Launch System Investment		[-296,572]
070A	0604XXXF	ROCKET PROPULSION SYSTEM		220,000
		Rocket Propulsion System Replacement of RD-180		[220,000]
071	0604932F	LONG RANGE STANDOFF WEAPON	95,604	95,604
072	0604933F	ICBM FUZE MODERNIZATION	189,751	189,751
073	0605030F	JOINT TACTICAL NETWORK CENTER (JTNC)	1,131	1,131
074	0605213F	F-22 MODERNIZATION INCREMENT 3.2B	70,290	70,290
075	0605214F	GROUND ATTACK WEAPONS FUZE DEVELOPMENT.	937	937
076	0605221F	KC-46	261,724	121,724
		Scope Reduction		[-140,000]
077	0605223F	ADVANCED PILOT TRAINING	12,377	7,377
		Early to need		[-5,000]
078	0605229F	CSAR HH-60 RECAPITALIZATION	319,331	304,331
		Forward financing		[-15,000]
080	0605431F	ADVANCED EHF MILSATCOM (SPACE)	259,131	229,131
		Delayed analysis of alternatives		[-30,000]
081	0605432F	POLAR MILSATCOM (SPACE)	50,815	50,815
082	0605433F	WIDEBAND GLOBAL SATCOM (SPACE)	41,632	51,632
		COMSATCOM pilot program		[10,000]
083	0605458F	AIR & SPACE OPS CENTER 10.2 RDT&E	28,911	28,911
084	0605931F	B-2 DEFENSIVE MANAGEMENT SYSTEM	315,615	288,915
		Scope Reduction		[-26,700]
085	0101125F	NUCLEAR WEAPONS MODERNIZATION	137,909	137,909
086	0207171F	F-15 EPAWSS	256,669	256,669
087	0207701F	FULL COMBAT MISSION TRAINING	12,051	12,051
088	0305176F	COMBAT SURVIVOR EVADER LOCATOR	29,253	29,253
089	0307581F	JSTARS RECAP	128,019	128,019
090	0401319F	PRESIDENTIAL AIRCRAFT REPLACEMENT (PAR)	351,220	351,220
091	0701212F	AUTOMATED TEST SYSTEMS	19,062	19,062
		SUBTOTAL SYSTEM DEVELOPMENT & DEMONSTRATION.	4,075,804	3,941,432
		MANAGEMENT SUPPORT		
092	0604256F	THREAT SIMULATOR DEVELOPMENT	21,630	21,630
093	0604759F	MAJOR T&E INVESTMENT	66,385	66,385
094	0605101F	RAND PROJECT AIR FORCE	34,641	34,641
096	0605712F	INITIAL OPERATIONAL TEST & EVALUATION	11,529	11,529
097	0605807F	TEST AND EVALUATION SUPPORT	661,417	661,417
098	0605860F	ROCKET SYSTEMS LAUNCH PROGRAM (SPACE)	11,198	11,198
099	0605864F	SPACE TEST PROGRAM (STP)	27,070	27,070
100	0605976F	FACILITIES RESTORATION AND MODERNIZATION—TEST AND EVALUATION SUPPORT.	134,111	134,111
101	0605978F	FACILITIES SUSTAINMENT—TEST AND EVALUATION SUPPORT.	28,091	28,091
102	0606017F	REQUIREMENTS ANALYSIS AND MATURATION	29,100	29,100
103	0606116F	SPACE TEST AND TRAINING RANGE DEVELOPMENT.	18,528	18,528
104	0606392F	SPACE AND MISSILE CENTER (SMC) CIVILIAN WORKFORCE.	176,666	176,666
105	0308602F	ENTERPRISE INFORMATION SERVICES (EIS)	4,410	4,410

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2017 Request	Conference Authorized
106	0702806F	ACQUISITION AND MANAGEMENT SUPPORT	14,613	14,613
107	0804731F	GENERAL SKILL TRAINING	1,404	1,404
109	1001004F	INTERNATIONAL ACTIVITIES	4,784	4,784
		SUBTOTAL MANAGEMENT SUPPORT	1,245,577	1,245,577
		OPERATIONAL SYSTEMS DEVELOPMENT		
110	0603423F	GLOBAL POSITIONING SYSTEM III—OPERATIONAL CONTROL SEGMENT.	393,268	393,268
111	0604233F	SPECIALIZED UNDERGRADUATE FLIGHT TRAINING.	15,427	15,427
112	0604445F	WIDE AREA SURVEILLANCE	46,695	46,695
115	0605018F	AF INTEGRATED PERSONNEL AND PAY SYSTEM (AF-IPPS).	10,368	10,368
116	0605024F	ANTI-TAMPER TECHNOLOGY EXECUTIVE AGENCY.	31,952	31,952
117	0605117F	FOREIGN MATERIEL ACQUISITION AND EXPLOITATION.	42,960	42,960
118	0605278F	HC/MC-130 RECAP RDT&E	13,987	13,987
119	0101113F	B-52 SQUADRONS	78,267	78,267
120	0101122F	AIR-LAUNCHED CRUISE MISSILE (ALCM)	453	453
121	0101126F	B-1B SQUADRONS	5,830	5,830
122	0101127F	B-2 SQUADRONS	152,458	152,458
123	0101213F	MINUTEMAN SQUADRONS	182,958	182,958
124	0101313F	STRAT WAR PLANNING SYSTEM—USSTRATCOM	39,148	39,148
126	0101316F	WORLDWIDE JOINT STRATEGIC COMMUNICATIONS.	6,042	6,042
128	0102110F	UH-IN REPLACEMENT PROGRAM	14,116	14,116
129	0102326F	REGION/SECTOR OPERATION CONTROL CENTER MODERNIZATION PROGRAM.	10,868	10,868
130	0105921F	SERVICE SUPPORT TO STRATCOM—SPACE ACTIVITIES.	8,674	8,674
131	0205219F	MQ-9 UAV	151,373	161,373
		Auto take-off and landing capability		[10,000]
133	0207131F	A-10 SQUADRONS	14,853	14,853
134	0207133F	F-16 SQUADRONS	132,795	132,795
135	0207134F	F-15E SQUADRONS	356,717	356,717
136	0207136F	MANNED DESTRUCTIVE SUPPRESSION	14,773	14,773
137	0207138F	F-22A SQUADRONS	387,564	379,464
		Improved GPS		[-8,100]
138	0207142F	F-35 SQUADRONS	153,045	147,545
		Follow-on development—excess funds		[-5,500]
139	0207161F	TACTICAL AIM MISSILES	52,898	52,898
140	0207163F	ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM).	62,470	62,470
143	0207227F	COMBAT RESCUE—PARARESCUE	362	362
144	0207247F	AF TENCAP	28,413	28,413
145	0207249F	PRECISION ATTACK SYSTEMS PROCUREMENT ..	649	649
146	0207253F	COMPASS CALL	13,723	50,823
		Compass Call Program Restructure		[37,100]
147	0207268F	AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM.	109,859	109,859
148	0207325F	JOINT AIR-TO-SURFACE STANDOFF MISSILE (JASSM).	30,002	30,002
149	0207410F	AIR & SPACE OPERATIONS CENTER (AOC)	37,621	25,343
		Weapon system modification		[-12,278]
150	0207412F	CONTROL AND REPORTING CENTER (CRC)	13,292	13,292
151	0207417F	AIRBORNE WARNING AND CONTROL SYSTEM (AWACS).	86,644	86,644
152	0207418F	TACTICAL AIRBORNE CONTROL SYSTEMS	2,442	2,442
154	0207431F	COMBAT AIR INTELLIGENCE SYSTEM ACTIVITIES.	10,911	15,911
		Geospatial software development		[5,000]
155	0207444F	TACTICAL AIR CONTROL PARTY-MOD	11,843	11,843
156	0207448F	C2ISR TACTICAL DATA LINK	1,515	1,515
157	0207452F	DCAPES	14,979	14,979
158	0207590F	SEEK EAGLE	25,308	25,308
159	0207601F	USAF MODELING AND SIMULATION	16,666	16,666
160	0207605F	WARGAMING AND SIMULATION CENTERS	4,245	4,245
161	0207697F	DISTRIBUTED TRAINING AND EXERCISES	3,886	3,886
162	0208006F	MISSION PLANNING SYSTEMS	71,785	71,785
164	0208087F	AF OFFENSIVE CYBERSPACE OPERATIONS	25,025	25,025
165	0208088F	AF DEFENSIVE CYBERSPACE OPERATIONS	29,439	29,439

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2017 Request	Conference Authorized
168	0301017F	GLOBAL SENSOR INTEGRATED ON NETWORK (GSIN).	3,470	3,470
169	0301112F	NUCLEAR PLANNING AND EXECUTION SYSTEM (NPES).	4,060	4,060
175	0301400F	SPACE SUPERIORITY INTELLIGENCE	13,880	13,880
176	0302015F	E-4B NATIONAL AIRBORNE OPERATIONS CENTER (NAOC).	30,948	30,948
177	0303001F	FAMILY OF ADVANCED BLOS TERMINALS (FAB-T).	42,378	42,378
178	0303131F	MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NETWORK (MEECN).	47,471	47,471
179	0303140F	INFORMATION SYSTEMS SECURITY PROGRAM ..	46,388	46,388
180	0303141F	GLOBAL COMBAT SUPPORT SYSTEM	52	52
181	0303142F	GLOBAL FORCE MANAGEMENT—DATA INITIATIVE.	2,099	2,099
184	0304260F	AIRBORNE SIGINT ENTERPRISE	90,762	90,762
187	0305099F	GLOBAL AIR TRAFFIC MANAGEMENT (GATM)	4,354	4,354
188	0305110F	SATELLITE CONTROL NETWORK (SPACE)	15,624	15,624
189	0305111F	WEATHER SERVICE	19,974	22,974
		Commercial Weather Pilot Program		[3,000]
190	0305114F	AIR TRAFFIC CONTROL, APPROACH, AND LANDING SYSTEM (ATCAL).	9,770	9,770
191	0305116F	AERIAL TARGETS	3,051	3,051
194	0305128F	SECURITY AND INVESTIGATIVE ACTIVITIES	405	405
195	0305145F	ARMS CONTROL IMPLEMENTATION	4,844	4,844
196	0305146F	DEFENSE JOINT COUNTERINTELLIGENCE ACTIVITIES.	339	339
199	0305173F	SPACE AND MISSILE TEST AND EVALUATION CENTER.	3,989	3,989
200	0305174F	SPACE INNOVATION, INTEGRATION AND RAPID TECHNOLOGY DEVELOPMENT.	3,070	3,070
201	0305179F	INTEGRATED BROADCAST SERVICE (IBS)	8,833	8,833
202	0305182F	SPACELIFT RANGE SYSTEM (SPACE)	11,867	11,867
203	0305202F	DRAGON U-2	37,217	37,217
205	0305206F	AIRBORNE RECONNAISSANCE SYSTEMS	3,841	18,841
		Wide area motion imagery		[15,000]
206	0305207F	MANNED RECONNAISSANCE SYSTEMS	20,975	20,975
207	0305208F	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS.	18,902	18,902
208	0305220F	RQ-4 UAV	256,307	256,307
209	0305221F	NETWORK-CENTRIC COLLABORATIVE TARGETING.	22,610	22,610
211	0305238F	NATO AGS	38,904	38,904
212	0305240F	SUPPORT TO DCGS ENTERPRISE	23,084	23,084
213	0305258F	ADVANCED EVALUATION PROGRAM	116,143	116,143
214	0305265F	GPS III SPACE SEGMENT	141,888	141,888
215	0305600F	INTERNATIONAL INTELLIGENCE TECHNOLOGY AND ARCHITECTURES.	2,360	2,360
216	0305614F	JSPOC MISSION SYSTEM	72,889	72,889
217	0305881F	RAPID CYBER ACQUISITION	4,280	4,280
218	0305906F	NCMC—TW/AA SYSTEM	4,951	4,951
219	0305913F	NUDET DETECTION SYSTEM (SPACE)	21,093	21,093
220	0305940F	SPACE SITUATION AWARENESS OPERATIONS	35,002	35,002
222	0308699F	SHARED EARLY WARNING (SEW)	6,366	6,366
223	0401115F	C-130 AIRLIFT SQUADRON	15,599	15,599
224	0401119F	C-5 AIRLIFT SQUADRONS (IF)	66,146	66,146
225	0401130F	C-17 AIRCRAFT (IF)	12,430	12,430
226	0401132F	C-130J PROGRAM	16,776	16,776
227	0401134F	LARGE AIRCRAFT IR COUNTERMEASURES (LAIRC).	5,166	5,166
229	0401314F	OPERATIONAL SUPPORT AIRLIFT	13,817	13,817
230	0401318F	CV-22	16,702	16,702
231	0408011F	SPECIAL TACTICS / COMBAT CONTROL	7,164	7,164
232	0702207F	DEPOT MAINTENANCE (NON-IF)	1,518	1,518
233	0708610F	LOGISTICS INFORMATION TECHNOLOGY (LOGIT).	61,676	61,676
234	0708611F	SUPPORT SYSTEMS DEVELOPMENT	9,128	9,128
235	0804743F	OTHER FLIGHT TRAINING	1,653	1,653
236	0808716F	OTHER PERSONNEL ACTIVITIES	57	57
237	0901202F	JOINT PERSONNEL RECOVERY AGENCY	3,663	3,663
238	0901218F	CIVILIAN COMPENSATION PROGRAM	3,735	3,735
239	0901220F	PERSONNEL ADMINISTRATION	5,157	5,157
240	0901226F	AIR FORCE STUDIES AND ANALYSIS AGENCY	1,523	1,523

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2017 Request	Conference Authorized
242	0901538F	FINANCIAL MANAGEMENT INFORMATION SYSTEMS DEVELOPMENT.	10,581	10,581
242A	999999999	CLASSIFIED PROGRAMS	13,091,557	13,091,557
		SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT.	17,457,056	17,501,278
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, AF.	28,112,251	28,057,601
		RESEARCH, DEVELOPMENT, TEST & EVAL, DW		
		BASIC RESEARCH		
001	0601000BR	DTRA BASIC RESEARCH INITIATIVE	35,436	35,436
002	0601101E	DEFENSE RESEARCH SCIENCES	362,297	362,297
003	0601110D8Z	BASIC RESEARCH INITIATIVES	36,654	36,654
004	0601117E	BASIC OPERATIONAL MEDICAL RESEARCH SCIENCE.	57,791	57,791
005	0601120D8Z	NATIONAL DEFENSE EDUCATION PROGRAM K-12 STEM program increase	69,345	79,345 [10,000]
006	0601228D8Z	HISTORICALLY BLACK COLLEGES AND UNIVERSITIES/MINORITY INSTITUTIONS. Program increase	23,572	33,572 [10,000]
007	0601384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM.	44,800	44,800
		SUBTOTAL BASIC RESEARCH	629,895	649,895
		APPLIED RESEARCH		
008	0602000D8Z	JOINT MUNITIONS TECHNOLOGY	17,745	17,745
009	0602115E	BIOMEDICAL TECHNOLOGY	115,213	115,213
010	0602230D8Z	DEFENSE TECHNOLOGY INNOVATION	30,000	0
		Program decrease		[-30,000]
011	0602234D8Z	LINCOLN LABORATORY RESEARCH PROGRAM ...	48,269	48,269
012	0602251D8Z	APPLIED RESEARCH FOR THE ADVANCEMENT OF S&T PRIORITIES.	42,206	42,206
013	0602303E	INFORMATION & COMMUNICATIONS TECHNOLOGY.	353,635	353,635
014	0602383E	BIOLOGICAL WARFARE DEFENSE	21,250	21,250
015	0602384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM.	188,715	188,715
016	0602668D8Z	CYBER SECURITY RESEARCH	12,183	12,183
017	0602702E	TACTICAL TECHNOLOGY	313,843	313,843
018	0602715E	MATERIALS AND BIOLOGICAL TECHNOLOGY	220,456	214,456
		Program reduction		[-6,000]
019	0602716E	ELECTRONICS TECHNOLOGY	221,911	221,911
020	0602718BR	WEAPONS OF MASS DESTRUCTION DEFEAT TECHNOLOGIES.	154,857	154,857
021	0602751D8Z	SOFTWARE ENGINEERING INSTITUTE (SEI) APPLIED RESEARCH.	8,420	8,420
022	1160401BB	SOF TECHNOLOGY DEVELOPMENT	37,820	37,820
		SUBTOTAL APPLIED RESEARCH	1,786,523	1,750,523
		ADVANCED TECHNOLOGY DEVELOPMENT		
023	0603000D8Z	JOINT MUNITIONS ADVANCED TECHNOLOGY ...	23,902	23,902
025	0603122D8Z	COMBATING TERRORISM TECHNOLOGY SUPPORT.	73,002	73,002
026	0603133D8Z	FOREIGN COMPARATIVE TESTING	19,343	29,343
		Anti-tunnel defense systems		[10,000]
027	0603160BR	COUNTERPROLIFERATION INITIATIVES—PROLIFERATION PREVENTION AND DEFEAT.	266,444	266,444
028	0603176C	ADVANCED CONCEPTS AND PERFORMANCE ASSESSMENT.	17,880	17,880
030	0603178C	WEAPONS TECHNOLOGY	71,843	71,843
031	0603179C	ADVANCED CAISR	3,626	3,626
032	0603180C	ADVANCED RESEARCH	23,433	23,433
033	0603225D8Z	JOINT DOD-DOE MUNITIONS TECHNOLOGY DEVELOPMENT.	17,256	17,256
035	0603274C	SPECIAL PROGRAM—MDA TECHNOLOGY	83,745	11,795
		Program reduction		[-71,950]
036	0603286E	ADVANCED AEROSPACE SYSTEMS	182,327	182,327
037	0603287E	SPACE PROGRAMS AND TECHNOLOGY	175,240	165,240
		Program reduction		[-10,000]
038	0603288D8Z	ANALYTIC ASSESSMENTS	12,048	12,048

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2017 Request	Conference Authorized
039	0603289D8Z	ADVANCED INNOVATIVE ANALYSIS AND CONCEPTS.	57,020	57,020
041	0603375D8Z	TECHNOLOGY INNOVATION	39,923	19,923
042	0603384BP	<i>Program decrease</i>		[-20,000]
		CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM—ADVANCED DEVELOPMENT.	127,941	127,941
043	0603527D8Z	RETRACT LARCH	181,977	181,977
044	0603618D8Z	JOINT ELECTRONIC ADVANCED TECHNOLOGY ..	22,030	22,030
045	0603648D8Z	JOINT CAPABILITY TECHNOLOGY DEMONSTRATIONS.	148,184	132,184
		<i>Program decrease</i>		[-16,000]
046	0603662D8Z	NETWORKED COMMUNICATIONS CAPABILITIES	9,331	9,331
047	0603680D8Z	DEFENSE-WIDE MANUFACTURING SCIENCE AND TECHNOLOGY PROGRAM.	158,398	158,398
048	0603680S	MANUFACTURING TECHNOLOGY PROGRAM	31,259	31,259
049	0603699D8Z	EMERGING CAPABILITIES TECHNOLOGY DEVELOPMENT.	49,895	49,895
050	0603712S	GENERIC LOGISTICS R&D TECHNOLOGY DEMONSTRATIONS.	11,011	11,011
052	0603716D8Z	STRATEGIC ENVIRONMENTAL RESEARCH PROGRAM.	65,078	65,078
053	0603720S	MICROELECTRONICS TECHNOLOGY DEVELOPMENT AND SUPPORT.	97,826	97,826
054	0603727D8Z	JOINT WARFIGHTING PROGRAM	7,848	5,348
		<i>Prior year carryover</i>		[-2,500]
055	0603739E	ADVANCED ELECTRONICS TECHNOLOGIES	49,807	49,807
056	0603760E	COMMAND, CONTROL AND COMMUNICATIONS SYSTEMS.	155,081	155,081
057	0603766E	NETWORK-CENTRIC WARFARE TECHNOLOGY	428,894	428,894
058	0603767E	SENSOR TECHNOLOGY	241,288	241,288
060	0603781D8Z	SOFTWARE ENGINEERING INSTITUTE	14,264	14,264
061	0603826D8Z	QUICK REACTION SPECIAL PROJECTS	74,943	72,943
		QRSP		[-2,000]
063	0603833D8Z	ENGINEERING SCIENCE & TECHNOLOGY	17,659	17,659
064	0603941D8Z	TEST & EVALUATION SCIENCE & TECHNOLOGY	87,135	87,135
065	0604055D8Z	OPERATIONAL ENERGY CAPABILITY IMPROVEMENT.	37,329	41,329
		<i>Competitive technology investment</i>		[4,000]
066	0303310D8Z	CWMD SYSTEMS	44,836	21,236
		<i>Constellation program reduction</i>		[-23,600]
067	1160402BB	SOF ADVANCED TECHNOLOGY DEVELOPMENT	61,620	61,620
		SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT.	3,190,666	3,058,616
		ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES		
		ADVANCED COMPONENT DEVELOPMENT AND PROTOTYPES		
068	0603161D8Z	NUCLEAR AND CONVENTIONAL PHYSICAL SECURITY EQUIPMENT RDT&E ADC&P.	28,498	28,498
069	0603600D8Z	WALKOFF	89,643	89,643
071	0603821D8Z	ACQUISITION ENTERPRISE DATA & INFORMATION SERVICES.	2,136	2,136
072	0603851D8Z	ENVIRONMENTAL SECURITY TECHNICAL CERTIFICATION PROGRAM.	52,491	52,491
073	0603881C	BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT.	206,834	206,834
074	0603882C	BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT.	862,080	862,080
075	0603884BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM—DEM/VAL.	138,187	138,187
076	0603884C	BALLISTIC MISSILE DEFENSE SENSORS	230,077	230,077
077	0603890C	BMD ENABLING PROGRAMS	401,594	401,594
078	0603891C	SPECIAL PROGRAMS—MDA	321,607	304,707
		<i>Program reduction</i>		[-16,900]
079	0603892C	AEGIS BMD	959,066	939,066
		<i>SM-3 IIA development excess growth</i>		[-20,000]
080	0603893C	SPACE TRACKING & SURVEILLANCE SYSTEM	32,129	32,129
081	0603895C	BALLISTIC MISSILE DEFENSE SYSTEM SPACE PROGRAMS.	20,690	20,690
082	0603896C	BALLISTIC MISSILE DEFENSE COMMAND AND CONTROL, BATTLE MANAGEMENT AND COMMUNICATI.	439,617	443,517

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2017 Request	Conference Authorized
		<i>Post Intercept Assessment Acceleration</i>		[3,900]
083	0603898C	BALLISTIC MISSILE DEFENSE JOINT WARFIGHTER SUPPORT.	47,776	47,776
084	0603904C	MISSILE DEFENSE INTEGRATION & OPERATIONS CENTER (MDIOC).	54,750	54,750
085	0603906C	REGARDING TRENCH	8,785	8,785
086	0603907C	SEA BASED X-BAND RADAR (SBX)	68,787	68,787
087	0603913C	ISRAELI COOPERATIVE PROGRAMS	103,835	268,735
		<i>Increase for Cooperative Development Programs subject to Title XVI.</i>		[164,900]
088	0603914C	BALLISTIC MISSILE DEFENSE TEST	293,441	293,441
089	0603915C	BALLISTIC MISSILE DEFENSE TARGETS	563,576	563,576
090	0603920D8Z	HUMANITARIAN DEMINING	10,007	10,007
091	0603923D8Z	COALITION WARFARE	10,126	10,126
092	0604016D8Z	DEPARTMENT OF DEFENSE CORROSION PROGRAM.	3,893	8,893
		<i>Corrosion prevention</i>		[5,000]
093	0604115C	TECHNOLOGY MATURATION INITIATIVES	90,266	90,266
094	0604132D8Z	MISSILE DEFEAT PROJECT	45,000	45,000
095	0604250D8Z	ADVANCED INNOVATIVE TECHNOLOGIES	844,870	829,870
		SCO		[-15,000]
097	0604400D8Z	DEPARTMENT OF DEFENSE (DOD) UNMANNED SYSTEM COMMON DEVELOPMENT.	3,320	3,320
099	0604682D8Z	WARGAMING AND SUPPORT FOR STRATEGIC ANALYSIS (SSA).	4,000	4,000
102	0604826J	JOINT C5 CAPABILITY DEVELOPMENT, INTEGRATION AND INTEROPERABILITY ASSESSMENTS.	23,642	23,642
104	0604873C	LONG RANGE DISCRIMINATION RADAR (LRDR) ..	162,012	162,012
105	0604874C	IMPROVED HOMELAND DEFENSE INTERCEPTORS.	274,148	274,148
106	0604876C	BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT TEST.	63,444	63,444
107	0604878C	AEGIS BMD TEST	95,012	95,012
108	0604879C	BALLISTIC MISSILE DEFENSE SENSOR TEST	83,250	83,250
109	0604880C	LAND-BASED SM-3 (LBSM3)	43,293	43,293
110	0604881C	AEGIS SM-3 BLOCK IIA CO-DEVELOPMENT	106,038	106,038
111	0604887C	BALLISTIC MISSILE DEFENSE MIDCOURSE SEGMENT TEST.	56,481	56,481
112	0604894C	MULTI-OBJECT KILL VEHICLE	71,513	71,513
114	0303191D8Z	JOINT ELECTROMAGNETIC TECHNOLOGY (JET) PROGRAM.	2,636	2,636
115	0305103C	CYBER SECURITY INITIATIVE	969	969
		SUBTOTAL ADVANCED COMPONENT DEVELOPMENT AND PROTOTYPES.	6,919,519	7,041,419
115A	0604XXXD	WEATHER SYSTEM FOLLOW-ON		5,000
		<i>Transfer Cloud Characterization and Theater Weather Imagery from USAF.</i>		[5,000]
		SUBTOTAL ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES.	0	5,000
		SYSTEM DEVELOPMENT AND DEMONSTRATION		
116	0604161D8Z	NUCLEAR AND CONVENTIONAL PHYSICAL SECURITY EQUIPMENT RDT&E SDD.	10,324	10,324
117	0604165D8Z	PROMPT GLOBAL STRIKE CAPABILITY DEVELOPMENT.	181,303	181,303
118	0604384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM—EMD.	266,231	266,231
120	0604771D8Z	JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM (JTIDS).	16,288	16,288
121	0605000BR	WEAPONS OF MASS DESTRUCTION DEFEAT CAPABILITIES.	4,568	4,568
122	0605013BL	INFORMATION TECHNOLOGY DEVELOPMENT	11,505	11,505
123	0605021SE	HOMELAND PERSONNEL SECURITY INITIATIVE	1,658	1,658
124	0605022D8Z	DEFENSE EXPORTABILITY PROGRAM	2,920	2,920
126	0605070S	DOD ENTERPRISE SYSTEMS DEVELOPMENT AND DEMONSTRATION.	12,631	12,631
128	0605080S	DEFENSE AGENCY INITIATIVES (DAI)—FINANCIAL SYSTEM.	26,657	26,657
129	0605090S	DEFENSE RETIRED AND ANNUITANT PAY SYSTEM (DRAS).	4,949	4,949
130	0605140D8Z	TRUSTED FOUNDRY	69,000	69,000

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2017 Request	Conference Authorized
131	0605210D8Z	DEFENSE-WIDE ELECTRONIC PROCUREMENT CAPABILITIES.	9,881	9,881
132	0303141K	GLOBAL COMBAT SUPPORT SYSTEM	7,600	7,600
133	0305304D8Z	DOD ENTERPRISE ENERGY INFORMATION MANAGEMENT (EEIM).	2,703	2,703
		SUBTOTAL SYSTEM DEVELOPMENT AND DEMONSTRATION.	628,218	628,218
		MANAGEMENT SUPPORT		
134	0604774D8Z	DEFENSE READINESS REPORTING SYSTEM (DRRS).	4,678	4,678
135	0604875D8Z	JOINT SYSTEMS ARCHITECTURE DEVELOPMENT.	4,499	4,499
136	0604940D8Z	CENTRAL TEST AND EVALUATION INVESTMENT DEVELOPMENT (CTEIP).	219,199	219,199
137	0604942D8Z	ASSESSMENTS AND EVALUATIONS	28,706	28,706
138	0605001E	MISSION SUPPORT	69,244	69,244
139	0605100D8Z	JOINT MISSION ENVIRONMENT TEST CAPABILITY (JMETC).	87,080	87,080
		Prior year carryover and minimize growth		[-20,000]
140	0605104D8Z	TECHNICAL STUDIES, SUPPORT AND ANALYSIS	23,069	23,069
142	0605126J	JOINT INTEGRATED AIR AND MISSILE DEFENSE ORGANIZATION (JIAMDO).	32,759	32,759
144	0605142D8Z	SYSTEMS ENGINEERING	32,429	32,429
145	0605151D8Z	STUDIES AND ANALYSIS SUPPORT—OSD	3,797	3,797
146	0605161D8Z	NUCLEAR MATTERS-PHYSICAL SECURITY	5,302	5,302
147	0605170D8Z	SUPPORT TO NETWORKS AND INFORMATION INTEGRATION.	7,246	7,246
148	0605200D8Z	GENERAL SUPPORT TO USD (INTELLIGENCE) ...	1,874	1,874
149	0605384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM.	85,754	85,754
158	0605790D8Z	SMALL BUSINESS INNOVATION RESEARCH (SBIR)/ SMALL BUSINESS TECHNOLOGY TRANSFER.	2,187	2,187
159	0605798D8Z	DEFENSE TECHNOLOGY ANALYSIS	22,650	22,650
160	0605801KA	DEFENSE TECHNICAL INFORMATION CENTER (DTIC).	43,834	43,834
161	0605803SE	R&D IN SUPPORT OF DOD ENLISTMENT, TESTING AND EVALUATION.	22,240	22,240
162	0605804D8Z	DEVELOPMENT TEST AND EVALUATION	19,541	23,541
		Program increase		[4,000]
163	0605898E	MANAGEMENT HQ—R&D	4,759	4,759
164	0605998KA	MANAGEMENT HQ—DEFENSE TECHNICAL INFORMATION CENTER (DTIC).	4,400	4,400
165	0606100D8Z	BUDGET AND PROGRAM ASSESSMENTS	4,014	4,014
166	0203345D8Z	DEFENSE OPERATIONS SECURITY INITIATIVE (DOSI).	2,072	2,072
167	0204571J	JOINT STAFF ANALYTICAL SUPPORT	7,464	7,464
170	0303166J	SUPPORT TO INFORMATION OPERATIONS (IO) CAPABILITIES.	857	857
171	0303260D8Z	DEFENSE MILITARY DECEPTION PROGRAM OFFICE (DMDPO).	916	916
172	0305172K	COMBINED ADVANCED APPLICATIONS	15,336	15,336
173	0305193D8Z	CYBER INTELLIGENCE	18,523	13,523
		Program decrease		[-5,000]
175	0804767D8Z	COCOM EXERCISE ENGAGEMENT AND TRAINING TRANSFORMATION (CE2T2)—MHA.	34,384	34,384
176	0901598C	MANAGEMENT HQ—MDA	31,160	31,160
179	0903235D8W	JOINT SERVICE PROVIDER (JSP)	827	827
180A	9999999999	CLASSIFIED PROGRAMS	56,799	56,799
		SUBTOTAL MANAGEMENT SUPPORT	897,599	876,599
		OPERATIONAL SYSTEM DEVELOPMENT		
181	0604130V	ENTERPRISE SECURITY SYSTEM (ESS)	4,241	4,241
182	0605127T	REGIONAL INTERNATIONAL OUTREACH (RIO) AND PARTNERSHIP FOR PEACE INFORMATION MANA.	1,424	1,424
183	0605147T	OVERSEAS HUMANITARIAN ASSISTANCE SHARED INFORMATION SYSTEM (OHAISIS).	287	287
184	0607210D8Z	INDUSTRIAL BASE ANALYSIS AND SUSTAINMENT SUPPORT.	16,195	16,195
185	0607310D8Z	CWMD SYSTEMS: OPERATIONAL SYSTEMS DEVELOPMENT.	4,194	4,194

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2017 Request	Conference Authorized
186	0607327T	GLOBAL THEATER SECURITY COOPERATION MANAGEMENT INFORMATION SYSTEMS (G-TSCMIS).	7,861	7,861
187	0607384BP	CHEMICAL AND BIOLOGICAL DEFENSE (OPERATIONAL SYSTEMS DEVELOPMENT).	33,361	33,361
189	0208043J	PLANNING AND DECISION AID SYSTEM (PDAS) ..	3,038	3,038
190	0208045K	CAI INTEROPERABILITY	57,501	57,501
192	0301144K	JOINT/ALLIED COALITION INFORMATION SHARING.	5,935	5,935
196	0302016K	NATIONAL MILITARY COMMAND SYSTEM-WIDE SUPPORT.	575	575
197	0302019K	DEFENSE INFO INFRASTRUCTURE ENGINEERING AND INTEGRATION.	18,041	18,041
198	0303126K	LONG-HAUL COMMUNICATIONS—DCS	13,994	13,994
199	0303131K	MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NETWORK (MEECN).	12,206	12,206
200	0303135G	PUBLIC KEY INFRASTRUCTURE (PKI)	34,314	34,314
201	0303136G	KEY MANAGEMENT INFRASTRUCTURE (KMI)	36,602	36,602
202	0303140D8Z	INFORMATION SYSTEMS SECURITY PROGRAM ..	8,876	8,876
203	0303140G	INFORMATION SYSTEMS SECURITY PROGRAM .. SHARKSEER Program Increase	159,068	161,068 [2,000]
204	0303150K	GLOBAL COMMAND AND CONTROL SYSTEM	24,438	24,438
205	0303153K	DEFENSE SPECTRUM ORGANIZATION	13,197	13,197
207	0303228K	JOINT INFORMATION ENVIRONMENT (JIE)	2,789	2,789
209	0303430K	FEDERAL INVESTIGATIVE SERVICES INFORMATION TECHNOLOGY.	75,000	75,000
210	0303610K	TELEPORT PROGRAM	657	657
215	0305103K	CYBER SECURITY INITIATIVE	1,553	1,553
220	0305186D8Z	POLICY R&D PROGRAMS	6,204	4,204
		Program decrease		[-2,000]
221	0305199D8Z	NET CENTRICITY	17,971	17,971
223	0305208BB	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS.	5,415	5,415
226	0305208K	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS.	3,030	3,030
229	0305327V	INSIDER THREAT	5,034	5,034
230	0305387D8Z	HOMELAND DEFENSE TECHNOLOGY TRANSFER PROGRAM.	2,037	2,037
236	0307577D8Z	INTELLIGENCE MISSION DATA (IMD)	13,800	13,800
238	0708012S	PACIFIC DISASTER CENTERS	1,754	1,754
239	0708047S	DEFENSE PROPERTY ACCOUNTABILITY SYSTEM.	2,154	2,154
240	0902298J	MANAGEMENT HQ—OJCS	826	826
241	1105219BB	MQ-9 UAV	17,804	17,804
244	1160403BB	AVIATION SYSTEMS	159,143	159,143
245	1160405BB	INTELLIGENCE SYSTEMS DEVELOPMENT	7,958	7,958
246	1160408BB	OPERATIONAL ENHANCEMENTS	64,895	64,895
247	1160431BB	WARRIOR SYSTEMS	44,885	44,885
248	1160432BB	SPECIAL PROGRAMS	1,949	1,949
249	1160434BB	UNMANNED ISR	22,117	22,117
250	1160480BB	SOF TACTICAL VEHICLES	3,316	3,316
251	1160483BB	MARITIME SYSTEMS	54,577	54,577
252	1160489BB	GLOBAL VIDEO SURVEILLANCE ACTIVITIES	3,841	3,841
253	1160490BB	OPERATIONAL ENHANCEMENTS INTELLIGENCE.	11,834	11,834
253A	9999999999	CLASSIFIED PROGRAMS	3,270,515	3,270,515
		SUBTOTAL OPERATIONAL SYSTEM DEVELOPMENT.	4,256,406	4,256,406
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, DW.	18,308,826	18,266,676
		OPERATIONAL TEST & EVAL, DEFENSE MANAGEMENT SUPPORT		
001	0605118OTE	OPERATIONAL TEST AND EVALUATION	78,047	78,047
002	0605131OTE	LIVE FIRE TEST AND EVALUATION	48,316	48,316
003	0605814OTE	OPERATIONAL TEST ACTIVITIES AND ANALYSES.	52,631	52,631
		SUBTOTAL MANAGEMENT SUPPORT	178,994	178,994
		TOTAL OPERATIONAL TEST & EVAL, DEFENSE.	178,994	178,994

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION				
<i>(In Thousands of Dollars)</i>				
Line	Program Element	Item	FY 2017 Request	Conference Authorized
TOTAL RDT&E			71,391,771	71,110,624
SEC. 4202. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION FOR OVERSEAS CONTINGENCY OPERATIONS.				
SEC. 4202. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION FOR OVERSEAS CONTINGENCY OPERATIONS				
<i>(In Thousands of Dollars)</i>				
Line	Program Element	Item	FY 2017 Request	Conference Authorized
ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES				
055	0603308A	ARMY SPACE SYSTEMS INTEGRATION	9,375	9,375
SUBTOTAL ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES.			9,375	9,375
SYSTEM DEVELOPMENT & DEMONSTRATION				
091	0604741A	AIR DEFENSE COMMAND, CONTROL AND INTELLIGENCE—ENG DEV.	78,700	78,700
114	0605032A	TRACTOR TIRE	10,000	10,000
117	0605035A	COMMON INFRARED COUNTERMEASURES (CIRCM).	10,900	10,900
119	0605041A	DEFENSIVE CYBER TOOL DEVELOPMENT	50,500	50,500
122	0605051A	AIRCRAFT SURVIVABILITY DEVELOPMENT	73,110	73,110
SUBTOTAL SYSTEM DEVELOPMENT & DEMONSTRATION.			223,210	223,210
OPERATIONAL SYSTEMS DEVELOPMENT				
208	0307665A	BIOMETRICS ENABLED INTELLIGENCE	7,104	7,104
SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT.			7,104	7,104
TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, ARMY.			239,689	239,689
ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES				
038	0603527N	RETRACT LARCH	3,907	3,907
SUBTOTAL ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES.			3,907	3,907
OPERATIONAL SYSTEMS DEVELOPMENT				
245A	999999999	CLASSIFIED PROGRAMS	36,426	36,426
SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT.			36,426	36,426
TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, NAVY.			40,333	40,333
SYSTEM DEVELOPMENT & DEMONSTRATION				
058	0604421F	COUNTERSPACE SYSTEMS	425	425
SUBTOTAL SYSTEM DEVELOPMENT & DEMONSTRATION.			425	425
OPERATIONAL SYSTEMS DEVELOPMENT				
200	0305174F	SPACE INNOVATION, INTEGRATION AND RAPID TECHNOLOGY DEVELOPMENT.	4,715	4,715
242A	999999999	CLASSIFIED PROGRAMS	27,765	27,765
SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT.			32,480	32,480
TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, AF.			32,905	32,905
OPERATIONAL SYSTEM DEVELOPMENT				
253A	999999999	CLASSIFIED PROGRAMS	165,419	165,419
SUBTOTAL OPERATIONAL SYSTEM DEVELOPMENT.			165,419	165,419

SEC. 4202. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION FOR OVERSEAS CONTINGENCY OPERATIONS
(In Thousands of Dollars)

Line	Program Element	Item	FY 2017 Request	Conference Authorized
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, DW.	165,419	165,419
		TOTAL RDT&E	478,346	478,346

SEC. 4203. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION FOR OVERSEAS CONTINGENCY OPERATIONS FOR BASE REQUIREMENTS.

SEC. 4203. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION FOR OVERSEAS CONTINGENCY OPERATIONS FOR BASE OPERATIONS
(In Thousands of Dollars)

Line	Program Element	Item	FY 2017 Request	Conference Authorized
		RESEARCH, DEVELOPMENT, TEST & EVAL, ARMY SYSTEM DEVELOPMENT & DEMONSTRATION		
090	0604715A	NON-SYSTEM TRAINING DEVICES—ENG DEV	33	33
		SUBTOTAL SYSTEM DEVELOPMENT & DEMONSTRATION.	33	33
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, ARMY.	33	33
		RESEARCH, DEVELOPMENT, TEST & EVAL, NAVY ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES		
078	0604272N	TACTICAL AIR DIRECTIONAL INFRARED COUNTER-MEASURES (TADIRCM).	37,990	37,990
		SUBTOTAL ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES.	37,990	37,990
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, NAVY.	37,990	37,990
		TOTAL RDT&E	38,023	38,023

TITLE XLIII—OPERATION AND MAINTENANCE

SEC. 4301. OPERATION AND MAINTENANCE.

SEC. 4301. OPERATION AND MAINTENANCE
(In Thousands of Dollars)

Line	Item	FY 2017 Request	Conference Authorized
	OPERATION & MAINTENANCE, ARMY OPERATING FORCES		
010	MANEUVER UNITS	791,450	841,450
	Home station training unfunded requirement		[50,000]
020	MODULAR SUPPORT BRIGADES	68,373	68,373
030	ECHELONS ABOVE BRIGADE	438,823	438,823
040	THEATER LEVEL ASSETS	660,258	660,258
050	LAND FORCES OPERATIONS SUPPORT	863,928	863,928
060	AVIATION ASSETS	1,360,597	1,461,097
	Eleventh CAB		[32,500]
	Flying hour program unfunded requirement		[68,000]
070	FORCE READINESS OPERATIONS SUPPORT	3,086,443	3,086,443
080	LAND FORCES SYSTEMS READINESS	439,488	439,488
090	LAND FORCES DEPOT MAINTENANCE	1,013,452	1,032,852
	Depot maintenance unfunded requirement		[19,400]
100	BASE OPERATIONS SUPPORT	7,816,343	7,838,443
	Eleventh CAB Support		[22,100]
110	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION		
	Restore Sustainment shortfalls		[85,400]
120	MANAGEMENT AND OPERATIONAL HEADQUARTERS	452,105	452,105
130	COMBATANT COMMANDERS CORE OPERATIONS	155,658	155,658

SEC. 4301. OPERATION AND MAINTENANCE
(In Thousands of Dollars)

Line	Item	FY 2017 Request	Conference Authorized
170	COMBATANT COMMANDS DIRECT MISSION SUPPORT	441,143	441,143
	SUBTOTAL OPERATING FORCES	19,822,607	20,100,007
	MOBILIZATION		
180	STRATEGIC MOBILITY	336,329	336,329
190	ARMY PREPOSITIONED STOCKS	390,848	415,848
	Program increase		[25,000]
200	INDUSTRIAL PREPAREDNESS	7,401	7,401
	SUBTOTAL MOBILIZATION	734,578	759,578
	TRAINING AND RECRUITING		
210	OFFICER ACQUISITION	131,942	131,942
220	RECRUIT TRAINING	47,846	47,846
230	ONE STATION UNIT TRAINING	45,419	45,419
240	SENIOR RESERVE OFFICERS TRAINING CORPS	482,747	482,747
250	SPECIALIZED SKILL TRAINING	921,025	927,525
	Defense Foreign Language Program		[6,500]
260	FLIGHT TRAINING	902,845	945,779
	Graduate pilot training unfunded requirement		[5,405]
	School Air OPTEMPO unfunded requirement		[31,125]
	Train full ARPINT load of 990		[6,404]
270	PROFESSIONAL DEVELOPMENT EDUCATION	216,583	248,183
	Military Training and PME		[31,600]
280	TRAINING SUPPORT	607,534	607,534
290	RECRUITING AND ADVERTISING	550,599	525,599
	Unjustified program growth		[-25,000]
300	EXAMINING	187,263	187,263
310	OFF-DUTY AND VOLUNTARY EDUCATION	189,556	189,556
320	CIVILIAN EDUCATION AND TRAINING	182,835	182,835
330	JUNIOR RESERVE OFFICER TRAINING CORPS	171,167	171,167
	SUBTOTAL TRAINING AND RECRUITING	4,637,361	4,693,395
	ADMIN & SRVWIDE ACTIVITIES		
350	SERVICEWIDE TRANSPORTATION	230,739	295,739
	Restore critical shortfalls		[65,000]
360	CENTRAL SUPPLY ACTIVITIES	850,060	850,060
370	LOGISTIC SUPPORT ACTIVITIES	778,757	778,757
380	AMMUNITION MANAGEMENT	370,010	370,010
390	ADMINISTRATION	451,556	451,556
400	SERVICEWIDE COMMUNICATIONS	1,888,123	1,888,123
410	MANPOWER MANAGEMENT	276,403	276,403
420	OTHER PERSONNEL SUPPORT	369,443	369,443
430	OTHER SERVICE SUPPORT	1,096,074	1,096,074
440	ARMY CLAIMS ACTIVITIES	207,800	207,800
450	REAL ESTATE MANAGEMENT	240,641	240,641
460	FINANCIAL MANAGEMENT AND AUDIT READINESS	250,612	250,612
470	INTERNATIONAL MILITARY HEADQUARTERS	416,587	416,587
480	MISC. SUPPORT OF OTHER NATIONS	36,666	36,666
530	CLASSIFIED PROGRAMS	1,151,023	1,151,023
	SUBTOTAL ADMIN & SRVWIDE ACTIVITIES	8,614,494	8,679,494
	UNDISTRIBUTED		
540	UNDISTRIBUTED		-400,200
	Excessive standard price for fuel		[-56,100]
	Foreign Currency adjustments		[-194,100]
	Working Capital Fund Carryover Above Allowable Ceiling		[-150,000]
	SUBTOTAL UNDISTRIBUTED		-400,200
	TOTAL OPERATION & MAINTENANCE, ARMY	33,809,040	33,832,274
	OPERATION & MAINTENANCE, ARMY RES		
	OPERATING FORCES		
010	MODULAR SUPPORT BRIGADES	11,435	11,435
020	ECHELONS ABOVE BRIGADE	491,772	511,772
	Home station training unfunded requirement		[20,000]
030	THEATER LEVEL ASSETS	116,163	116,163
040	LAND FORCES OPERATIONS SUPPORT	563,524	563,524
050	AVIATION ASSETS	91,162	91,162
060	FORCE READINESS OPERATIONS SUPPORT	347,459	347,659
	Defense Language Program		[200]
070	LAND FORCES SYSTEMS READINESS	101,926	101,926
080	LAND FORCES DEPOT MAINTENANCE	56,219	56,219
090	BASE OPERATIONS SUPPORT	573,843	573,843

SEC. 4301. OPERATION AND MAINTENANCE
(In Thousands of Dollars)

Line	Item	FY 2017 Request	Conference Authorized
100	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	214,955	223,055
	Restore Sustainment shortfalls		[8,100]
110	MANAGEMENT AND OPERATIONAL HEADQUARTERS	37,620	37,620
	SUBTOTAL OPERATING FORCES	2,606,078	2,634,378
	ADMIN & SRVWD ACTIVITIES		
120	SERVICEWIDE TRANSPORTATION	11,027	11,027
130	ADMINISTRATION	16,749	16,749
140	SERVICEWIDE COMMUNICATIONS	17,825	17,825
150	MANPOWER MANAGEMENT	6,177	6,177
160	RECRUITING AND ADVERTISING	54,475	54,475
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	106,253	106,253
	UNDISTRIBUTED		
180	UNDISTRIBUTED		-6,800
	Excessive standard price for fuel		[-6,800]
	SUBTOTAL UNDISTRIBUTED		-6,800
	TOTAL OPERATION & MAINTENANCE, ARMY RES	2,712,331	2,733,831
	OPERATION & MAINTENANCE, ARNG		
	OPERATING FORCES		
010	MANEUVER UNITS	708,251	758,251
	Home station training unfunded requirement		[50,000]
020	MODULAR SUPPORT BRIGADES	197,251	197,251
030	ECHELONS ABOVE BRIGADE	792,271	792,271
040	THEATER LEVEL ASSETS	80,341	80,341
050	LAND FORCES OPERATIONS SUPPORT	37,138	37,138
060	AVIATION ASSETS	887,625	884,825
	Unjustified program growth		[-2,800]
070	FORCE READINESS OPERATIONS SUPPORT	696,267	690,152
	Defense Language Program		[200]
	Unjustified program growth		[-6,315]
080	LAND FORCES SYSTEMS READINESS	61,240	61,240
090	LAND FORCES DEPOT MAINTENANCE	219,948	219,948
100	BASE OPERATIONS SUPPORT	1,040,012	1,040,012
110	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	676,715	691,115
	Restore Sustainment shortfalls		[14,400]
120	MANAGEMENT AND OPERATIONAL HEADQUARTERS	1,021,144	1,021,144
	SUBTOTAL OPERATING FORCES	6,418,203	6,473,688
	ADMIN & SRVWD ACTIVITIES		
130	SERVICEWIDE TRANSPORTATION	6,396	6,396
140	ADMINISTRATION	68,528	69,678
	State Partnership Program		[1,150]
150	SERVICEWIDE COMMUNICATIONS	76,524	76,524
160	MANPOWER MANAGEMENT	7,712	7,712
170	OTHER PERSONNEL SUPPORT	245,046	245,046
180	REAL ESTATE MANAGEMENT	2,961	2,961
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	407,167	408,317
	UNDISTRIBUTED		
190	UNDISTRIBUTED		-29,000
	Excessive standard price for fuel		[-29,000]
	SUBTOTAL UNDISTRIBUTED		-29,000
	TOTAL OPERATION & MAINTENANCE, ARNG	6,825,370	6,853,005
	OPERATION & MAINTENANCE, NAVY		
	OPERATING FORCES		
010	MISSION AND OTHER FLIGHT OPERATIONS	4,094,765	4,094,765
020	FLEET AIR TRAINING	1,722,473	1,722,473
030	AVIATION TECHNICAL DATA & ENGINEERING SERVICES	52,670	52,670
040	AIR OPERATIONS AND SAFETY SUPPORT	97,584	97,584
050	AIR SYSTEMS SUPPORT	446,733	453,233
	Marine Corps unfunded requirement—accelerate readiness - H-1 ...		[5,300]
	Marine Corps unfunded requirement—accelerate readiness - MV-22B		[1,200]
060	AIRCRAFT DEPOT MAINTENANCE	1,007,681	1,071,681
	AC Depot maintenance unfunded requirement		[34,000]
	Navy unfunded requirement—Improve Afloat Readiness		[30,000]
070	AIRCRAFT DEPOT OPERATIONS SUPPORT	38,248	38,248
080	AVIATION LOGISTICS	564,720	598,220

SEC. 4301. OPERATION AND MAINTENANCE
(In Thousands of Dollars)

Line	Item	FY 2017 Request	Conference Authorized
	E-6B and F-35 sustainment unfunded requirement		[16,000]
	Marine Corps unfunded requirement—accelerate readiness - KC-130J		[6,800]
	Marine Corps unfunded requirement—accelerate readiness - MV-22B		[10,700]
090	MISSION AND OTHER SHIP OPERATIONS	3,513,083	3,861,283
	Cruiser Modernization		[90,200]
	Navy unfunded requirement—Improve Afloat Readiness		[158,000]
	Navy unfunded requirement—Restore 3 CG Deployments		[41,000]
	Navy unfunded requirement—Reverse PONCE (LPD-15) Inactivation		[59,000]
100	SHIP OPERATIONS SUPPORT & TRAINING	743,765	763,465
	Navy unfunded requirement—Restore Fleet Training		[19,700]
110	SHIP DEPOT MAINTENANCE	5,168,273	5,486,873
	Cruiser Modernization		[71,100]
	Navy unfunded requirement—Ship Depot Wholeness		[238,000]
	Program increase		[9,500]
120	SHIP DEPOT OPERATIONS SUPPORT	1,575,578	1,654,578
	Navy unfunded requirement—Increase Afloat Readiness		[79,000]
130	COMBAT COMMUNICATIONS	558,727	558,727
140	ELECTRONIC WARFARE	105,680	105,680
150	SPACE SYSTEMS AND SURVEILLANCE	180,406	180,406
160	WARFARE TACTICS	470,032	470,032
170	OPERATIONAL METEOROLOGY AND OCEANOGRAPHY	346,703	346,703
180	COMBAT SUPPORT FORCES	1,158,688	1,158,688
190	EQUIPMENT MAINTENANCE	113,692	113,692
200	DEPOT OPERATIONS SUPPORT	2,509	2,509
210	COMBATANT COMMANDERS CORE OPERATIONS	91,019	91,019
220	COMBATANT COMMANDERS DIRECT MISSION SUPPORT	74,780	74,780
230	CRUISE MISSILE	106,030	106,030
240	FLEET BALLISTIC MISSILE	1,233,805	1,233,805
250	IN-SERVICE WEAPONS SYSTEMS SUPPORT	163,025	163,025
260	WEAPONS MAINTENANCE	553,269	553,269
270	OTHER WEAPON SYSTEMS SUPPORT	350,010	350,010
280	ENTERPRISE INFORMATION	790,685	790,685
290	SUSTAINMENT, RESTORATION AND MODERNIZATION	1,642,742	1,697,842
	Restore Sustainment shortfalls		[55,100]
300	BASE OPERATING SUPPORT	4,206,136	4,206,136
	SUBTOTAL OPERATING FORCES	31,173,511	32,098,111
MOBILIZATION			
310	SHIP PREPOSITIONING AND SURGE	893,517	893,517
320	READY RESERVE FORCE	274,524	274,524
330	AIRCRAFT ACTIVATIONS/INACTIVATIONS	6,727	6,727
340	SHIP ACTIVATIONS/INACTIVATIONS	288,154	288,154
350	EXPEDITIONARY HEALTH SERVICES SYSTEMS	95,720	95,720
360	INDUSTRIAL READINESS	2,109	2,109
370	COAST GUARD SUPPORT	21,114	21,114
	SUBTOTAL MOBILIZATION	1,581,865	1,581,865
TRAINING AND RECRUITING			
380	OFFICER ACQUISITION	143,815	143,815
390	RECRUIT TRAINING	8,519	8,519
400	RESERVE OFFICERS TRAINING CORPS	143,445	143,445
410	SPECIALIZED SKILL TRAINING	699,214	699,214
420	FLIGHT TRAINING	5,310	5,310
430	PROFESSIONAL DEVELOPMENT EDUCATION	172,852	172,852
440	TRAINING SUPPORT	222,728	222,728
450	RECRUITING AND ADVERTISING	225,647	225,647
460	OFF-DUTY AND VOLUNTARY EDUCATION	130,569	130,569
470	CIVILIAN EDUCATION AND TRAINING	73,730	73,730
480	JUNIOR ROTC	50,400	50,400
	SUBTOTAL TRAINING AND RECRUITING	1,876,229	1,876,229
ADMIN & SRVWD ACTIVITIES			
490	ADMINISTRATION	917,453	917,453
500	EXTERNAL RELATIONS	14,570	14,570
510	CIVILIAN MANPOWER AND PERSONNEL MANAGEMENT	124,070	124,070
520	MILITARY MANPOWER AND PERSONNEL MANAGEMENT	369,767	369,767
530	OTHER PERSONNEL SUPPORT	285,927	285,927
540	SERVICEMAN COMMUNICATIONS	319,908	319,908
570	SERVICEMAN TRANSPORTATION	171,659	171,659
590	PLANNING, ENGINEERING AND DESIGN	270,863	270,863

SEC. 4301. OPERATION AND MAINTENANCE
(In Thousands of Dollars)

Line	Item	FY 2017 Request	Conference Authorized
600	ACQUISITION AND PROGRAM MANAGEMENT	1,112,766	1,112,766
610	HULL, MECHANICAL AND ELECTRICAL SUPPORT	49,078	49,078
620	COMBAT/ WEAPONS SYSTEMS	24,989	24,989
630	SPACE AND ELECTRONIC WARFARE SYSTEMS	72,966	72,966
640	NAVAL INVESTIGATIVE SERVICE	595,711	595,711
700	INTERNATIONAL HEADQUARTERS AND AGENCIES	4,809	4,809
730	CLASSIFIED PROGRAMS	517,440	517,440
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	4,851,976	4,851,976
	UNDISTRIBUTED		
740	UNDISTRIBUTED		-416,900
	Excessive standard price for fuel		[-390,500]
	Foreign Currency adjustments		[-26,400]
	SUBTOTAL UNDISTRIBUTED		-416,900
	TOTAL OPERATION & MAINTENANCE, NAVY	39,483,581	39,991,281
	OPERATION & MAINTENANCE, MARINE CORPS		
	OPERATING FORCES		
010	OPERATIONAL FORCES	674,613	760,313
	Enterprise network defense unfunded requirement		[5,700]
	Exercise program unfunded requirement		[58,000]
	Marine Corps unfunded requirement- enhanced combat helmets		[22,000]
020	FIELD LOGISTICS	947,424	983,674
	Critical/ no fail EOD unfunded requirement		[600]
	Marine Corps unfunded requirement- rifle combat optic modernization		[13,200]
	Marine Corps unfunded requirement- SPMAGTF—C4 UUNS		[8,250]
	Nano/VTOL unfunded requirement		[14,200]
030	DEPOT MAINTENANCE	206,783	214,583
	Depot maintenance unfunded requirement		[7,800]
040	MARITIME PREPOSITIONING	85,276	85,276
050	SUSTAINMENT, RESTORATION & MODERNIZATION	632,673	694,673
	Facility demolition unfunded requirement		[39,200]
	Restore Sustainment shortfalls		[22,800]
060	BASE OPERATING SUPPORT	2,136,626	2,136,626
	SUBTOTAL OPERATING FORCES	4,683,395	4,875,145
	TRAINING AND RECRUITING		
070	RECRUIT TRAINING	15,946	15,946
080	OFFICER ACQUISITION	935	935
090	SPECIALIZED SKILL TRAINING	99,305	99,305
100	PROFESSIONAL DEVELOPMENT EDUCATION	45,495	45,495
110	TRAINING SUPPORT	369,979	369,979
120	RECRUITING AND ADVERTISING	165,566	165,566
130	OFF-DUTY AND VOLUNTARY EDUCATION	35,133	35,133
140	JUNIOR ROTC	23,622	23,622
	SUBTOTAL TRAINING AND RECRUITING	755,981	755,981
	ADMIN & SRVWD ACTIVITIES		
150	SERVICEWIDE TRANSPORTATION	34,534	34,534
160	ADMINISTRATION	355,932	355,932
180	ACQUISITION AND PROGRAM MANAGEMENT	76,896	76,896
200	CLASSIFIED PROGRAMS	47,520	47,520
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	514,882	514,882
	UNDISTRIBUTED		
210	UNDISTRIBUTED		-6,400
	Excessive standard price for fuel		[-4,900]
	Foreign Currency adjustments		[-1,500]
	SUBTOTAL UNDISTRIBUTED		-6,400
	TOTAL OPERATION & MAINTENANCE, MARINE CORPS	5,954,258	6,139,608
	OPERATION & MAINTENANCE, NAVY RES		
	OPERATING FORCES		
010	MISSION AND OTHER FLIGHT OPERATIONS	526,190	526,190
020	INTERMEDIATE MAINTENANCE	6,714	6,714
030	AIRCRAFT DEPOT MAINTENANCE	86,209	90,209
	Navy unfunded requirement—Improve Afloat Readiness		[4,000]
040	AIRCRAFT DEPOT OPERATIONS SUPPORT	389	389
050	AVIATION LOGISTICS	10,189	10,189
070	SHIP OPERATIONS SUPPORT & TRAINING	560	860

SEC. 4301. OPERATION AND MAINTENANCE
(In Thousands of Dollars)

Line	Item	FY 2017 Request	Conference Authorized
	Navy unfunded requirement—Restore Fleet Training		[300]
090	COMBAT COMMUNICATIONS	13,173	13,173
100	COMBAT SUPPORT FORCES	109,053	109,053
120	ENTERPRISE INFORMATION	27,226	27,226
130	SUSTAINMENT, RESTORATION AND MODERNIZATION	27,571	28,671
	Restore Sustainment shortfalls		[1,100]
140	BASE OPERATING SUPPORT	99,166	99,166
	SUBTOTAL OPERATING FORCES	906,440	911,840
	ADMIN & SRVWD ACTIVITIES		
150	ADMINISTRATION	1,351	1,351
160	MILITARY MANPOWER AND PERSONNEL MANAGEMENT	13,251	13,251
170	SERVICEMAN COMMUNICATIONS	3,445	3,445
180	ACQUISITION AND PROGRAM MANAGEMENT	3,169	3,169
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	21,216	21,216
	UNDISTRIBUTED		
200	UNDISTRIBUTED		-26,600
	Excessive standard price for fuel		[-26,600]
	SUBTOTAL UNDISTRIBUTED		-26,600
	TOTAL OPERATION & MAINTENANCE, NAVY RES	927,656	906,456
	OPERATION & MAINTENANCE, MC RESERVE		
	OPERATING FORCES		
010	OPERATING FORCES	94,154	94,154
020	DEPOT MAINTENANCE	18,594	18,594
030	SUSTAINMENT, RESTORATION AND MODERNIZATION	25,470	26,170
	Restore Sustainment shortfalls		[700]
040	BASE OPERATING SUPPORT	111,550	111,550
	SUBTOTAL OPERATING FORCES	249,768	250,468
	ADMIN & SRVWD ACTIVITIES		
050	SERVICEMAN TRANSPORTATION	902	902
060	ADMINISTRATION	11,130	11,130
070	RECRUITING AND ADVERTISING	8,833	8,833
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	20,865	20,865
	UNDISTRIBUTED		
090	UNDISTRIBUTED		-800
	Excessive standard price for fuel		[-800]
	SUBTOTAL UNDISTRIBUTED		-800
	TOTAL OPERATION & MAINTENANCE, MC RESERVE	270,633	270,533
	OPERATION & MAINTENANCE, AIR FORCE		
	OPERATING FORCES		
010	PRIMARY COMBAT FORCES	3,294,124	3,294,124
020	COMBAT ENHANCEMENT FORCES	1,682,045	1,684,845
	HH-60 unfunded requirement		[2,800]
030	AIR OPERATIONS TRAINING (O-JT, MAINTAIN SKILLS)	1,730,757	1,730,757
040	DEPOT MAINTENANCE	7,042,988	7,156,064
	Compass Call Program Restructure		[-56,500]
	Weapon system sustainment unfunded requirement		[169,576]
050	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	1,657,019	1,710,019
	Restore Sustainment shortfalls		[53,000]
060	BASE SUPPORT	2,787,216	2,787,216
070	GLOBAL C3I AND EARLY WARNING	887,831	927,831
	Air Force unfunded requirement—Ground Based Radars		[40,000]
080	OTHER COMBAT OPS SPT PROGRAMS	1,070,178	1,070,178
100	LAUNCH FACILITIES	208,582	208,582
110	SPACE CONTROL SYSTEMS	362,250	362,250
120	COMBATANT COMMANDERS DIRECT MISSION SUPPORT	907,245	907,245
130	COMBATANT COMMANDERS CORE OPERATIONS	199,171	199,171
135	CLASSIFIED PROGRAMS	930,757	930,757
	SUBTOTAL OPERATING FORCES	22,760,163	22,969,039
	MOBILIZATION		
140	AIRLIFT OPERATIONS	1,703,059	1,703,059
150	MOBILIZATION PREPAREDNESS	138,899	138,899
160	DEPOT MAINTENANCE	1,553,439	1,619,863
	Weapon system sustainment unfunded requirement		[66,424]
170	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	258,328	266,628

SEC. 4301. OPERATION AND MAINTENANCE
(In Thousands of Dollars)

Line	Item	FY 2017 Request	Conference Authorized
	Restore Sustainment shortfalls		[8,300]
180	BASE SUPPORT	722,756	722,756
	SUBTOTAL MOBILIZATION	4,376,481	4,451,205
	TRAINING AND RECRUITING		
190	OFFICER ACQUISITION	120,886	120,886
200	RECRUIT TRAINING	23,782	23,782
210	RESERVE OFFICERS TRAINING CORPS (ROTC)	77,692	77,692
220	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION Restore Sustainment shortfalls	236,254	243,854 [7,600]
230	BASE SUPPORT	819,915	819,915
240	SPECIALIZED SKILL TRAINING	387,446	387,446
250	FLIGHT TRAINING	725,134	725,134
260	PROFESSIONAL DEVELOPMENT EDUCATION	264,213	264,213
270	TRAINING SUPPORT	86,681	86,681
280	DEPOT MAINTENANCE	305,004	305,004
290	RECRUITING AND ADVERTISING	104,754	104,754
300	EXAMINING	3,944	3,944
310	OFF-DUTY AND VOLUNTARY EDUCATION	184,841	184,841
320	CIVILIAN EDUCATION AND TRAINING	173,583	173,583
330	JUNIOR ROTC	58,877	58,877
	SUBTOTAL TRAINING AND RECRUITING	3,573,006	3,580,606
	ADMIN & SRVWD ACTIVITIES		
340	LOGISTICS OPERATIONS	1,107,846	1,107,846
350	TECHNICAL SUPPORT ACTIVITIES	924,185	924,185
360	DEPOT MAINTENANCE	48,778	48,778
370	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION Restore Sustainment shortfalls	321,013	331,313 [10,300]
380	BASE SUPPORT	1,115,910	1,115,910
390	ADMINISTRATION	811,650	811,650
400	SERVICEWIDE COMMUNICATIONS	269,809	269,809
410	OTHER SERVICEWIDE ACTIVITIES	961,304	961,304
420	CIVIL AIR PATROL	25,735	28,535
	Civil Air Patrol O&M Support		[2,800]
450	INTERNATIONAL SUPPORT	90,573	90,573
460	CLASSIFIED PROGRAMS	1,131,603	1,131,603
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	6,808,406	6,821,506
	UNDISTRIBUTED		
470	UNDISTRIBUTED		-484,700
	Excessive standard price for fuel		[-368,000]
	Foreign Currency adjustments		[-116,700]
	SUBTOTAL UNDISTRIBUTED		-484,700
	TOTAL OPERATION & MAINTENANCE, AIR FORCE	37,518,056	37,337,656
	OPERATION & MAINTENANCE, AF RESERVE		
	OPERATING FORCES		
010	PRIMARY COMBAT FORCES	1,707,882	1,707,882
020	MISSION SUPPORT OPERATIONS	230,016	230,016
030	DEPOT MAINTENANCE	541,743	541,743
040	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION Restore Sustainment shortfalls	113,470	116,170 [2,700]
050	BASE SUPPORT	384,832	384,832
	SUBTOTAL OPERATING FORCES	2,977,943	2,980,643
	ADMINISTRATION AND SERVICEWIDE ACTIVITIES		
060	ADMINISTRATION	54,939	54,939
070	RECRUITING AND ADVERTISING	14,754	14,754
080	MILITARY MANPOWER AND PERS MGMT (ARPC)	12,707	12,707
090	OTHER PERS SUPPORT (DISABILITY COMP)	7,210	7,210
100	AUDIOVISUAL	376	376
	SUBTOTAL ADMINISTRATION AND SERVICEWIDE AC- TIVITIES	89,986	89,986
	UNDISTRIBUTED		
110	UNDISTRIBUTED		-59,700
	Excessive standard price for fuel		[-59,700]
	SUBTOTAL UNDISTRIBUTED		-59,700
	TOTAL OPERATION & MAINTENANCE, AF RESERVE	3,067,929	3,010,929

SEC. 4301. OPERATION AND MAINTENANCE
(In Thousands of Dollars)

Line	Item	FY 2017 Request	Conference Authorized
OPERATION & MAINTENANCE, ANG			
OPERATING FORCES			
010	AIRCRAFT OPERATIONS	3,282,238	3,278,238
	Unjustified growth		[-4,000]
020	MISSION SUPPORT OPERATIONS	723,062	723,062
030	DEPOT MAINTENANCE	1,824,329	1,867,529
	Weapon system sustainment engines unfunded requirement		[3,200]
	Weapon system sustainment unfunded requirement		[40,000]
040	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	245,840	254,940
	Restore Sustainment shortfalls		[9,100]
050	BASE SUPPORT	575,548	575,548
	SUBTOTAL OPERATING FORCES	6,651,017	6,699,317
ADMINISTRATION AND SERVICE-WIDE ACTIVITIES			
060	ADMINISTRATION	23,715	23,715
070	RECRUITING AND ADVERTISING	28,846	28,846
	SUBTOTAL ADMINISTRATION AND SERVICE-WIDE ACTIVITIES	52,561	52,561
UNDISTRIBUTED			
080	UNDISTRIBUTED		-117,700
	Excessive standard price for fuel		[-117,700]
	SUBTOTAL UNDISTRIBUTED		-117,700
	TOTAL OPERATION & MAINTENANCE, ANG	6,703,578	6,634,178
OPERATION & MAINTENANCE, DEFENSE-WIDE			
OPERATING FORCES			
010	JOINT CHIEFS OF STAFF	506,113	506,113
020	OFFICE OF THE SECRETARY OF DEFENSE	524,439	524,439
030	SPECIAL OPERATIONS COMMAND/OPERATING FORCES	4,898,159	4,889,359
	Unjustified growth in total civilian compensation		[-8,800]
	SUBTOTAL OPERATING FORCES	5,928,711	5,919,911
TRAINING AND RECRUITING			
040	DEFENSE ACQUISITION UNIVERSITY	138,658	138,658
050	JOINT CHIEFS OF STAFF	85,701	85,701
070	SPECIAL OPERATIONS COMMAND/TRAINING AND RECRUITING	365,349	365,349
	SUBTOTAL TRAINING AND RECRUITING	589,708	589,708
ADMINISTRATION AND SERVICEWIDE ACTIVITIES			
080	CIVIL MILITARY PROGRAMS	160,480	195,819
	National Guard Youth Challenge Program		[10,339]
	STARBASE		[25,000]
100	DEFENSE CONTRACT AUDIT AGENCY	630,925	630,925
110	DEFENSE CONTRACT MANAGEMENT AGENCY	1,356,380	1,356,380
120	DEFENSE HUMAN RESOURCES ACTIVITY	683,620	683,620
130	DEFENSE INFORMATION SYSTEMS AGENCY	1,439,891	1,439,891
150	DEFENSE LEGAL SERVICES AGENCY	24,984	24,984
160	DEFENSE LOGISTICS AGENCY	357,964	352,164
	Price Comparability Office unjustified growth		[-5,800]
170	DEFENSE MEDIA ACTIVITY	223,422	223,422
180	DEFENSE PERSONNEL ACCOUNTING AGENCY	112,681	112,681
190	DEFENSE SECURITY COOPERATION AGENCY	496,754	621,754
	Transfer from Drug Interdiction and Counter-Drug Activities		[125,000]
200	DEFENSE SECURITY SERVICE	538,711	538,711
230	DEFENSE TECHNOLOGY SECURITY ADMINISTRATION	35,417	35,417
240	DEFENSE THREAT REDUCTION AGENCY	448,146	448,146
260	DEPARTMENT OF DEFENSE EDUCATION ACTIVITY	2,671,143	2,701,143
	Impact Aid		[25,000]
	Impact Aid severe disabilities		[5,000]
270	MISSILE DEFENSE AGENCY	446,975	446,975
290	OFFICE OF ECONOMIC ADJUSTMENT	155,399	136,199
	Guam public health lab		[-19,200]
300	OFFICE OF THE SECRETARY OF DEFENSE	1,481,643	1,487,293
	BRAC 2017 Round Planning and Analyses		[-3,530]
	CWMD Sustainment: Constellation program reduction		[-3,800]
	DOD rewards early to need		[-1,000]
	Intelligence Management—program reduction		[-1,000]
	Readiness environmental protection initiative		[14,980]
310	SPECIAL OPERATIONS COMMAND/ADMIN & SVC-WIDE ACTIVITIES	89,429	89,429

SEC. 4301. OPERATION AND MAINTENANCE
(In Thousands of Dollars)

Line	Item	FY 2017 Request	Conference Authorized
320	WASHINGTON HEADQUARTERS SERVICES	629,874	629,874
330	CLASSIFIED PROGRAMS	14,069,333	14,069,333
	SUBTOTAL ADMINISTRATION AND SERVICEWIDE ACTIVITIES	26,053,171	26,224,160
	UNDISTRIBUTED		
340	UNDISTRIBUTED		-47,100
	Excessive standard price for fuel		[-17,800]
	Foreign Currency adjustments		[-34,300]
	Temporary Duty Assignment Per Diem Rate Waiver		[5,000]
	SUBTOTAL UNDISTRIBUTED		-47,100
	TOTAL OPERATION & MAINTENANCE, DEFENSE-WIDE	32,571,590	32,686,679
	MISCELLANEOUS APPROPRIATIONS		
	MISCELLANEOUS APPROPRIATIONS		
010	US COURT OF APPEALS FOR THE ARMED FORCES, DEFENSE	14,194	14,194
020	OVERSEAS HUMANITARIAN, DISASTER AND CIVIC AID	105,125	105,125
030	COOPERATIVE THREAT REDUCTION	325,604	325,604
050	ENVIRONMENTAL RESTORATION, ARMY	170,167	170,167
060	ENVIRONMENTAL RESTORATION, NAVY	281,762	281,762
070	ENVIRONMENTAL RESTORATION, AIR FORCE	371,521	371,521
080	ENVIRONMENTAL RESTORATION, DEFENSE	9,009	9,009
090	ENVIRONMENTAL RESTORATION FORMERLY USED SITES	197,084	197,084
	SUBTOTAL MISCELLANEOUS APPROPRIATIONS	1,474,466	1,474,466
	TOTAL MISCELLANEOUS APPROPRIATIONS	1,474,466	1,474,466
	TOTAL OPERATION & MAINTENANCE	171,318,488	171,870,896

SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS.

SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS
(In Thousands of Dollars)

Line	Item	FY 2017 Request	Conference Authorized
	OPERATION & MAINTENANCE, ARMY OPERATING FORCES		
010	MANEUVER UNITS	427,063	416,263
	Army requested realignment (ERI)		[-10,800]
040	THEATER LEVEL ASSETS	1,834,423	1,834,423
050	LAND FORCES OPERATIONS SUPPORT	558,086	426,086
	Army requested realignment (ERI)		[-132,000]
060	AVIATION ASSETS	58,620	58,620
070	FORCE READINESS OPERATIONS SUPPORT	1,552,468	1,550,468
	Army requested realignment (ERI)		[-2,000]
080	LAND FORCES SYSTEMS READINESS	476,853	476,853
100	BASE OPERATIONS SUPPORT	45,749	45,749
140	ADDITIONAL ACTIVITIES	8,234,566	8,234,566
150	COMMANDERS EMERGENCY RESPONSE PROGRAM	5,000	5,000
160	RESET	1,100,722	1,100,722
170	COMBATANT COMMANDS DIRECT MISSION SUPPORT	79,568	79,568
	SUBTOTAL OPERATING FORCES	14,373,118	14,228,318
	MOBILIZATION		
190	ARMY PREPOSITIONED STOCKS	350,200	130,000
	Army requested realignment (ERI)		[-220,200]
	SUBTOTAL MOBILIZATION	350,200	130,000
	ADMIN & SRVWIDE ACTIVITIES		
350	SERVICEWIDE TRANSPORTATION	720,399	840,399
	Army requested realignment (ERI)		[120,000]
380	AMMUNITION MANAGEMENT	13,974	13,974
420	OTHER PERSONNEL SUPPORT	105,508	105,508
450	REAL ESTATE MANAGEMENT	185,904	185,904
530	CLASSIFIED PROGRAMS	909,278	909,278
	SUBTOTAL ADMIN & SRVWIDE ACTIVITIES	1,935,063	2,055,063

SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS
(In Thousands of Dollars)

<i>Line</i>	<i>Item</i>	<i>FY 2017 Request</i>	<i>Conference Authorized</i>
	TOTAL OPERATION & MAINTENANCE, ARMY	16,658,381	16,413,381
	OPERATION & MAINTENANCE, ARMY RES		
	OPERATING FORCES		
020	ECHELONS ABOVE BRIGADE	6,252	6,252
040	LAND FORCES OPERATIONS SUPPORT	2,075	2,075
060	FORCE READINESS OPERATIONS SUPPORT	1,140	1,140
090	BASE OPERATIONS SUPPORT	14,653	14,653
	SUBTOTAL OPERATING FORCES	24,120	24,120
	TOTAL OPERATION & MAINTENANCE, ARMY RES	24,120	24,120
	OPERATION & MAINTENANCE, ARNG		
	OPERATING FORCES		
010	MANEUVER UNITS	10,564	10,564
020	MODULAR SUPPORT BRIGADES	748	748
030	ECHELONS ABOVE BRIGADE	5,751	5,751
040	THEATER LEVEL ASSETS	200	200
060	AVIATION ASSETS	27,183	27,183
070	FORCE READINESS OPERATIONS SUPPORT	2,741	2,741
100	BASE OPERATIONS SUPPORT	18,800	18,800
120	MANAGEMENT AND OPERATIONAL HEADQUARTERS	920	920
	SUBTOTAL OPERATING FORCES	66,907	66,907
	TOTAL OPERATION & MAINTENANCE, ARNG	66,907	66,907
	AFGHANISTAN SECURITY FORCES FUND		
	MINISTRY OF DEFENSE		
010	SUSTAINMENT	2,173,341	2,173,341
020	INFRASTRUCTURE	48,262	48,262
030	EQUIPMENT AND TRANSPORTATION	821,716	821,716
040	TRAINING AND OPERATIONS	289,139	289,139
	SUBTOTAL MINISTRY OF DEFENSE	3,332,458	3,332,458
	MINISTRY OF INTERIOR		
050	SUSTAINMENT	860,441	860,441
060	INFRASTRUCTURE	20,837	20,837
070	EQUIPMENT AND TRANSPORTATION	8,153	8,153
080	TRAINING AND OPERATIONS	41,326	41,326
	SUBTOTAL MINISTRY OF INTERIOR	930,757	930,757
	TOTAL AFGHANISTAN SECURITY FORCES FUND	4,263,215	4,263,215
	IRAQ TRAIN AND EQUIP FUND		
	IRAQ TRAIN AND EQUIP FUND		
010	IRAQ TRAIN AND EQUIP FUND	919,500	0
	Transfer to Counter-ISIL Fund		[-919,500]
	SUBTOTAL IRAQ TRAIN AND EQUIP FUND	919,500	0
	TOTAL IRAQ TRAIN AND EQUIP FUND	919,500	0
	SYRIA TRAIN AND EQUIP FUND		
	SYRIA TRAIN AND EQUIP FUND		
010	SYRIA TRAIN AND EQUIP FUND	250,000	0
	Transfer to Counter-ISIL Fund		[-250,000]
	SUBTOTAL SYRIA TRAIN AND EQUIP FUND	250,000	0
	TOTAL SYRIA TRAIN AND EQUIP FUND	250,000	0
	COUNTER-ISIL FUND		
	COUNTER-ISIL FUND		
010	COUNTER-ISIL FUND		1,169,500
	Transfer from Iraq Train and Equip		[919,500]
	Transfer from Syria Train and Equip		[250,000]
	SUBTOTAL COUNTER-ISIL FUND		1,169,500
	TOTAL COUNTER-ISIL FUND		1,169,500
	OPERATION & MAINTENANCE, NAVY		
	OPERATING FORCES		
010	MISSION AND OTHER FLIGHT OPERATIONS	427,452	427,452
040	AIR OPERATIONS AND SAFETY SUPPORT	4,603	4,603

SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS
(In Thousands of Dollars)

Line	Item	FY 2017 Request	Conference Authorized
050	AIR SYSTEMS SUPPORT	159,049	159,049
060	AIRCRAFT DEPOT MAINTENANCE	113,994	113,994
070	AIRCRAFT DEPOT OPERATIONS SUPPORT	1,840	1,840
080	AVIATION LOGISTICS	35,529	35,529
090	MISSION AND OTHER SHIP OPERATIONS	1,073,080	1,073,080
100	SHIP OPERATIONS SUPPORT & TRAINING	17,306	17,306
110	SHIP DEPOT MAINTENANCE	2,128,431	2,128,431
130	COMBAT COMMUNICATIONS	21,257	21,257
160	WARFARE TACTICS	22,603	22,603
170	OPERATIONAL METEOROLOGY AND OCEANOGRAPHY	22,934	22,934
180	COMBAT SUPPORT FORCES	575,305	575,305
190	EQUIPMENT MAINTENANCE	11,358	11,358
250	IN-SERVICE WEAPONS SYSTEMS SUPPORT	61,000	61,000
260	WEAPONS MAINTENANCE	309,045	309,045
270	OTHER WEAPON SYSTEMS SUPPORT	8,000	8,000
290	SUSTAINMENT, RESTORATION AND MODERNIZATION	7,819	7,819
300	BASE OPERATING SUPPORT	61,493	61,493
	SUBTOTAL OPERATING FORCES	5,062,098	5,062,098
	MOBILIZATION		
330	AIRCRAFT ACTIVATIONS/INACTIVATIONS	1,530	1,530
350	EXPEDITIONARY HEALTH SERVICES SYSTEMS	6,713	6,713
370	COAST GUARD SUPPORT	162,692	162,692
	SUBTOTAL MOBILIZATION	170,935	170,935
	TRAINING AND RECRUITING		
410	SPECIALIZED SKILL TRAINING	43,365	43,365
	SUBTOTAL TRAINING AND RECRUITING	43,365	43,365
	ADMIN & SRVWD ACTIVITIES		
490	ADMINISTRATION	3,764	3,764
500	EXTERNAL RELATIONS	515	515
520	MILITARY MANPOWER AND PERSONNEL MANAGEMENT	5,409	5,409
530	OTHER PERSONNEL SUPPORT	1,578	1,578
570	SERVICEWIDE TRANSPORTATION	126,700	126,700
600	ACQUISITION AND PROGRAM MANAGEMENT	9,261	9,261
640	NAVAL INVESTIGATIVE SERVICE	1,501	1,501
730	CLASSIFIED PROGRAMS	16,280	16,280
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	165,008	165,008
	TOTAL OPERATION & MAINTENANCE, NAVY	5,441,406	5,441,406
	OPERATION & MAINTENANCE, MARINE CORPS		
	OPERATING FORCES		
010	OPERATIONAL FORCES	571,935	571,935
020	FIELD LOGISTICS	266,094	266,094
030	DEPOT MAINTENANCE	147,000	147,000
060	BASE OPERATING SUPPORT	18,576	18,576
	SUBTOTAL OPERATING FORCES	1,003,605	1,003,605
	TRAINING AND RECRUITING		
110	TRAINING SUPPORT	31,750	31,750
	SUBTOTAL TRAINING AND RECRUITING	31,750	31,750
	ADMIN & SRVWD ACTIVITIES		
150	SERVICEWIDE TRANSPORTATION	73,800	73,800
200	CLASSIFIED PROGRAMS	3,650	3,650
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	77,450	77,450
	TOTAL OPERATION & MAINTENANCE, MARINE CORPS ...	1,112,805	1,112,805
	OPERATION & MAINTENANCE, NAVY RES		
	OPERATING FORCES		
030	AIRCRAFT DEPOT MAINTENANCE	16,500	16,500
050	AVIATION LOGISTICS	2,522	2,522
100	COMBAT SUPPORT FORCES	7,243	7,243
	SUBTOTAL OPERATING FORCES	26,265	26,265
	TOTAL OPERATION & MAINTENANCE, NAVY RES	26,265	26,265
	OPERATION & MAINTENANCE, MC RESERVE		
	OPERATING FORCES		

SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS
(In Thousands of Dollars)

Line	Item	FY 2017 Request	Conference Authorized
010	OPERATING FORCES	2,500	2,500
040	BASE OPERATING SUPPORT	804	804
	SUBTOTAL OPERATING FORCES	3,304	3,304
	TOTAL OPERATION & MAINTENANCE, MC RESERVE	3,304	3,304
	OPERATION & MAINTENANCE, AIR FORCE		
	OPERATING FORCES		
010	PRIMARY COMBAT FORCES	1,852,159	1,890,159
	Enhancing readiness levels of DCA aircraft		[10,000]
	ERI nuclear readiness		[28,000]
020	COMBAT ENHANCEMENT FORCES	1,127,319	1,127,319
030	AIR OPERATIONS TRAINING (OJT, MAINTAIN SKILLS)	152,278	152,278
040	DEPOT MAINTENANCE	1,061,506	1,087,106
	Compass Call Program Restructure		[25,600]
050	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION	56,700	56,700
060	BASE SUPPORT	941,714	941,714
070	GLOBAL C3I AND EARLY WARNING	30,219	30,219
080	OTHER COMBAT OPS SPT PROGRAMS	213,696	218,696
	Promoting additional DCA burden sharing		[5,000]
100	LAUNCH FACILITIES	869	869
110	SPACE CONTROL SYSTEMS	5,008	5,008
120	COMBATANT COMMANDERS DIRECT MISSION SUPPORT	100,081	100,081
135	CLASSIFIED PROGRAMS	79,893	79,893
	SUBTOTAL OPERATING FORCES	5,621,442	5,690,042
	MOBILIZATION		
140	AIRLIFT OPERATIONS	2,606,729	2,606,729
150	MOBILIZATION PREPAREDNESS	108,163	108,163
160	DEPOT MAINTENANCE	891,102	891,102
180	BASE SUPPORT	3,686	3,686
	SUBTOTAL MOBILIZATION	3,609,680	3,609,680
	TRAINING AND RECRUITING		
230	BASE SUPPORT	52,740	52,740
240	SPECIALIZED SKILL TRAINING	4,500	4,500
	SUBTOTAL TRAINING AND RECRUITING	57,240	57,240
	ADMIN & SRVWD ACTIVITIES		
340	LOGISTICS OPERATIONS	86,716	86,716
380	BASE SUPPORT	59,133	59,133
400	SERVICEMAN COMMUNICATIONS	165,348	165,348
410	OTHER SERVICEMAN ACTIVITIES	141,883	116,825
	Program reduction		[-25,058]
450	INTERNATIONAL SUPPORT	61	61
460	CLASSIFIED PROGRAMS	15,823	15,823
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	468,964	443,906
	TOTAL OPERATION & MAINTENANCE, AIR FORCE	9,757,326	9,800,868
	OPERATION & MAINTENANCE, AF RESERVE		
	OPERATING FORCES		
030	DEPOT MAINTENANCE	51,086	51,086
050	BASE SUPPORT	6,500	6,500
	SUBTOTAL OPERATING FORCES	57,586	57,586
	TOTAL OPERATION & MAINTENANCE, AF RESERVE	57,586	57,586
	OPERATION & MAINTENANCE, ANG		
	OPERATING FORCES		
020	MISSION SUPPORT OPERATIONS	3,400	3,400
050	BASE SUPPORT	16,600	16,600
	SUBTOTAL OPERATING FORCES	20,000	20,000
	TOTAL OPERATION & MAINTENANCE, ANG	20,000	20,000
	OPERATION & MAINTENANCE, DEFENSE-WIDE		
	OPERATING FORCES		
010	JOINT CHIEFS OF STAFF		10,000
	Enhancing exercise of DCA aircraft		[10,000]
030	SPECIAL OPERATIONS COMMAND/OPERATING FORCES	2,853,363	2,853,363
	SUBTOTAL OPERATING FORCES	2,853,363	2,863,363

SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS
(In Thousands of Dollars)

<i>Line</i>	<i>Item</i>	<i>FY 2017 Request</i>	<i>Conference Authorized</i>
ADMINISTRATION AND SERVICEWIDE ACTIVITIES			
100	DEFENSE CONTRACT AUDIT AGENCY	13,436	13,436
110	DEFENSE CONTRACT MANAGEMENT AGENCY	13,564	13,564
130	DEFENSE INFORMATION SYSTEMS AGENCY	34,299	34,299
150	DEFENSE LEGAL SERVICES AGENCY	111,986	111,986
170	DEFENSE MEDIA ACTIVITY	13,317	13,317
190	DEFENSE SECURITY COOPERATION AGENCY	1,412,000	2,162,000
	<i>Transfer from Counterterrorism Partnership Fund</i>		[750,000]
260	DEPARTMENT OF DEFENSE EDUCATION ACTIVITY	67,000	67,000
300	OFFICE OF THE SECRETARY OF DEFENSE	31,106	31,106
320	WASHINGTON HEADQUARTERS SERVICES	3,137	3,137
330	CLASSIFIED PROGRAMS	1,803,880	1,803,880
	SUBTOTAL ADMINISTRATION AND SERVICEWIDE ACTIVITIES	3,503,725	4,253,725
	TOTAL OPERATION & MAINTENANCE, DEFENSE-WIDE ...	6,357,088	7,117,088
	TOTAL OPERATION & MAINTENANCE	44,957,903	45,516,445

SEC. 4303. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS FOR BASE REQUIREMENTS.

SEC. 4303. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS FOR BASE REQUIREMENTS
(In Thousands of Dollars)

<i>Line</i>	<i>Item</i>	<i>FY 2017 Request</i>	<i>Conference Authorized</i>
OPERATION & MAINTENANCE, ARMY OPERATING FORCES			
010	MANEUVER UNITS	317,093	317,093
020	MODULAR SUPPORT BRIGADES	5,904	5,904
030	ECHELONS ABOVE BRIGADE	38,614	38,614
040	THEATER LEVEL ASSETS	8,361	8,361
050	LAND FORCES OPERATIONS SUPPORT	279,072	279,072
060	AVIATION ASSETS	106,424	106,424
070	FORCE READINESS OPERATIONS SUPPORT	253,533	253,533
090	LAND FORCES DEPOT MAINTENANCE	350,000	350,000
110	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION		113,800
	<i>Increase Restoration & Modernization funding</i>		[113,800]
140	ADDITIONAL ACTIVITIES	11,200	11,200
	SUBTOTAL OPERATING FORCES	1,370,201	1,484,001
TRAINING AND RECRUITING			
250	SPECIALIZED SKILL TRAINING	3,565	3,565
270	PROFESSIONAL DEVELOPMENT EDUCATION	9,021	9,021
280	TRAINING SUPPORT	2,434	2,434
290	RECRUITING AND ADVERTISING		284,800
	<i>Recruiting and Advertising Add</i>		[284,800]
320	CIVILIAN EDUCATION AND TRAINING	1,254	1,254
	SUBTOTAL TRAINING AND RECRUITING	16,274	301,074
ADMIN & SRVWIDE ACTIVITIES			
350	SERVICEWIDE TRANSPORTATION	200,000	200,000
	SUBTOTAL ADMIN & SRVWIDE ACTIVITIES	200,000	200,000
UNDISTRIBUTED			
540	UNDISTRIBUTED		563,400
	<i>Additional funding to support increase in Army end strength</i>		[563,400]
	SUBTOTAL UNDISTRIBUTED		563,400
	TOTAL OPERATION & MAINTENANCE, ARMY	1,586,475	2,548,475
OPERATION & MAINTENANCE, ARMY RES OPERATING FORCES			
010	MODULAR SUPPORT BRIGADES	708	708
020	ECHELONS ABOVE BRIGADE	8,570	8,570
030	THEATER LEVEL ASSETS	375	375
040	LAND FORCES OPERATIONS SUPPORT	13	13

SEC. 4303. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS FOR BASE REQUIREMENTS
(In Thousands of Dollars)

Line	Item	FY 2017 Request	Conference Authorized
050	AVIATION ASSETS	608	608
060	FORCE READINESS OPERATIONS SUPPORT	4,285	4,285
100	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION		13,100
	Increase Restoration & Modernization funding		[13,100]
	SUBTOTAL OPERATING FORCES	14,559	27,659
	UNDISTRIBUTED		
180	UNDISTRIBUTED		82,700
	Additional funding to support increase in Army Reserve end strength		[82,700]
	SUBTOTAL UNDISTRIBUTED		82,700
	TOTAL OPERATION & MAINTENANCE, ARMY RES	14,559	110,359
	OPERATION & MAINTENANCE, ARNG OPERATING FORCES		
010	MANEUVER UNITS	5,585	5,585
030	ECHELONS ABOVE BRIGADE	28,956	28,956
040	THEATER LEVEL ASSETS	10,272	10,272
060	AVIATION ASSETS	5,621	5,621
070	FORCE READINESS OPERATIONS SUPPORT	9,694	9,694
110	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION		1,500
	Increase Restoration & Modernization funding		[1,500]
	SUBTOTAL OPERATING FORCES	60,128	61,628
	UNDISTRIBUTED		
190	UNDISTRIBUTED		127,300
	Additional funding to support increase in Army National Guard end strength		[127,300]
	SUBTOTAL UNDISTRIBUTED		127,300
	TOTAL OPERATION & MAINTENANCE, ARNG	60,128	188,928
	OPERATION & MAINTENANCE, NAVY OPERATING FORCES		
010	MISSION AND OTHER FLIGHT OPERATIONS	500,000	500,000
110	SHIP DEPOT MAINTENANCE	775,000	775,000
290	SUSTAINMENT, RESTORATION AND MODERNIZATION	19,270	45,370
	Increase Restoration & Modernization funding		[26,100]
300	BASE OPERATING SUPPORT	158,032	158,032
	SUBTOTAL OPERATING FORCES	1,452,302	1,478,402
	MOBILIZATION		
350	EXPEDITIONARY HEALTH SERVICES SYSTEMS	3,597	3,597
	SUBTOTAL MOBILIZATION	3,597	3,597
	ADMIN & SRVWD ACTIVITIES		
540	SERVICEWIDE COMMUNICATIONS	25,617	25,617
	SUBTOTAL ADMIN & SRVWD ACTIVITIES	25,617	25,617
	TOTAL OPERATION & MAINTENANCE, NAVY	1,481,516	1,507,616
	OPERATION & MAINTENANCE, MARINE CORPS OPERATING FORCES		
010	OPERATIONAL FORCES	300,000	300,000
050	SUSTAINMENT, RESTORATION & MODERNIZATION		7,200
	Increase Restoration & Modernization funding		[7,200]
	SUBTOTAL OPERATING FORCES	300,000	307,200
	TOTAL OPERATION & MAINTENANCE, MARINE CORPS ...	300,000	307,200
	OPERATION & MAINTENANCE, NAVY RES OPERATING FORCES		
130	SUSTAINMENT, RESTORATION AND MODERNIZATION		500
	Increase Restoration & Modernization funding		[500]
	SUBTOTAL OPERATING FORCES		500
	TOTAL OPERATION & MAINTENANCE, NAVY RES		500
	OPERATION & MAINTENANCE, MC RESERVE OPERATING FORCES		
030	SUSTAINMENT, RESTORATION AND MODERNIZATION		1,000
	Increase Restoration & Modernization funding		[1,000]

**SEC. 4303. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS FOR BASE REQUIREMENTS
(In Thousands of Dollars)**

<i>Line</i>	<i>Item</i>	<i>FY 2017 Request</i>	<i>Conference Authorized</i>
	SUBTOTAL OPERATING FORCES		1,000
	TOTAL OPERATION & MAINTENANCE, MC RESERVE		1,000
	OPERATION & MAINTENANCE, AIR FORCE OPERATING FORCES		
040	DEPOT MAINTENANCE	124,000	124,000
050	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION		32,900
	Increase Restoration & Modernization funding		[32,900]
	SUBTOTAL OPERATING FORCES	124,000	156,900
	MOBILIZATION		
170	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION		5,100
	Increase Restoration & Modernization funding		[5,100]
	SUBTOTAL MOBILIZATION		5,100
	TRAINING AND RECRUITING		
220	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION		4,700
	Increase Restoration & Modernization funding		[4,700]
	SUBTOTAL TRAINING AND RECRUITING		4,700
	ADMIN & SRVWD ACTIVITIES		
370	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION		6,400
	Increase Restoration & Modernization funding		[6,400]
	SUBTOTAL ADMIN & SRVWD ACTIVITIES		6,400
	TOTAL OPERATION & MAINTENANCE, AIR FORCE	124,000	173,100
	OPERATION & MAINTENANCE, AF RESERVE OPERATING FORCES		
040	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION		1,600
	Increase Restoration & Modernization funding		[1,600]
	SUBTOTAL OPERATING FORCES		1,600
	TOTAL OPERATION & MAINTENANCE, AF RESERVE		1,600
	OPERATION & MAINTENANCE, ANG OPERATING FORCES		
040	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION		4,300
	Increase Restoration & Modernization funding		[4,300]
	SUBTOTAL OPERATING FORCES		4,300
	TOTAL OPERATION & MAINTENANCE, ANG		4,300
	OPERATION & MAINTENANCE, DEFENSE-WIDE OPERATING FORCES		
030	SPECIAL OPERATIONS COMMAND/OPERATING FORCES	14,344	14,344
	SUBTOTAL OPERATING FORCES	14,344	14,344
	ADMINISTRATION AND SERVICEWIDE ACTIVITIES		
130	DEFENSE INFORMATION SYSTEMS AGENCY	14,700	14,700
330	CLASSIFIED PROGRAMS	9,000	9,000
	SUBTOTAL ADMINISTRATION AND SERVICEWIDE ACTIVITIES	23,700	23,700
	TOTAL OPERATION & MAINTENANCE, DEFENSE-WIDE ...	38,044	38,044
	TOTAL OPERATION & MAINTENANCE	3,604,722	4,881,122

TITLE XLIV—MILITARY PERSONNEL

SEC. 4401. MILITARY PERSONNEL.

**SEC. 4401. MILITARY PERSONNEL
(In Thousands of Dollars)**

<i>Item</i>	<i>FY 2017 Request</i>	<i>Conference Authorized</i>
Military Personnel Appropriations	128,902,332	128,202,564

SEC. 4401. MILITARY PERSONNEL
(In Thousands of Dollars)

<i>Item</i>	<i>FY 2017 Request</i>	<i>Conference Authorized</i>
Military Personnel Pay Raise		[330,000]
Marine Corps—Bonus Pay/PCS Resotral/Foreign Language Bonus		[49,000]
Foreign currency adjustments		[-200,400]
Historical unobligated balances		[-880,050]
National Guard State Partnership Program, Army, Special Training		[841]
National Guard State Partnership Program, Air Force, Special Training		[841]
Medicare-Eligible Retiree Health Fund Contributions	6,366,908	6,366,908
Total, Military Personnel	135,269,240	134,569,472

SEC. 4402. MILITARY PERSONNEL FOR OVERSEAS CONTINGENCY OPERATIONS.

SEC. 4402. MILITARY PERSONNEL FOR OVERSEAS CONTINGENCY OPERATIONS
(In Thousands of Dollars)

<i>Item</i>	<i>FY 2017 Request</i>	<i>Conference Authorized</i>
Military Personnel Appropriations	3,644,161	3,644,161
Total, Military Personnel Appropriations	3,644,161	3,644,161

SEC. 4403. MILITARY PERSONNEL FOR OVERSEAS CONTINGENCY OPERATIONS FOR BASE REQUIREMENTS.

**SEC. 4403. MILITARY PERSONNEL FOR OVERSEAS CONTINGENCY OPERATIONS
FOR BASE REQUIREMENTS**
(In Thousands of Dollars)

<i>Item</i>	<i>FY 2017 Request</i>	<i>Conference Authorized</i>
Military Personnel Appropriations	62,965	1,350,465
Fund Active Army End Strength to 476k		[719,000]
Fund Army National Guard End Strength to 343k		[129,600]
Fund Army Reserves End Strength to 199k		[53,300]
Fund Active Navy End Strength to 323.9k		[29,600]
Fund Active Air Force End Strength to 321k		[116,000]
Fund Active Marine Corps End Strength to 185k		[240,000]
Total, Military Personnel	62,965	1,350,465

TITLE XLV—OTHER AUTHORIZATIONS

SEC. 4501. OTHER AUTHORIZATIONS.

SEC. 4501. OTHER AUTHORIZATIONS
(In Thousands of Dollars)

<i>Program Title</i>	<i>FY 2017 Request</i>	<i>Conference Authorized</i>
WORKING CAPITAL FUND, ARMY		
SUPPLY MANAGEMENT—ARMY	56,469	56,469
TOTAL WORKING CAPITAL FUND, ARMY	56,469	56,469
WORKING CAPITAL FUND, AIR FORCE		
SUPPLIES AND MATERIALS	63,967	63,967
TOTAL WORKING CAPITAL FUND, AIR FORCE	63,967	63,967
WORKING CAPITAL FUND, DEFENSE-WIDE		
SUPPLY CHAIN MANAGEMENT—DEF	37,132	37,132

SEC. 4501. OTHER AUTHORIZATIONS <i>(In Thousands of Dollars)</i>		
Program Title	FY 2017 Request	Conference Authorized
TOTAL WORKING CAPITAL FUND, DEFENSE- WIDE	37,132	37,132
WORKING CAPITAL FUND, DECA		
COMMISSARY	1,214,045	1,214,045
TOTAL WORKING CAPITAL FUND, DECA	1,214,045	1,214,045
CHEM AGENTS & MUNITIONS DESTRUCTION		
OPERATION & MAINTENANCE	147,282	147,282
RDT&E	388,609	388,609
PROCUREMENT	15,132	15,132
TOTAL CHEM AGENTS & MUNITIONS DESTRUC- TION	551,023	551,023
DRUG INTERDICTION & CTR-DRUG ACTIVITIES, DEF		
DRUG INTERDICTION AND COUNTER-DRUG ACTIVI- TIES, DEFENSE	730,087	605,087
Transfer to Defense Security Cooperation Agency		[-125,000]
DRUG DEMAND REDUCTION PROGRAM	114,713	114,713
TOTAL DRUG INTERDICTION & CTR-DRUG AC- TIVITIES, DEF	844,800	719,800
OFFICE OF THE INSPECTOR GENERAL		
OPERATION AND MAINTENANCE	318,882	318,882
RDT&E	3,153	3,153
TOTAL OFFICE OF THE INSPECTOR GENERAL	322,035	322,035
DEFENSE HEALTH PROGRAM		
OPERATION & MAINTENANCE		
IN-HOUSE CARE	9,240,160	9,240,160
PRIVATE SECTOR CARE	15,738,759	15,738,759
CONSOLIDATED HEALTH SUPPORT	2,367,759	2,367,759
INFORMATION MANAGEMENT	1,743,749	1,743,749
MANAGEMENT ACTIVITIES	311,380	311,380
EDUCATION AND TRAINING	743,231	743,231
BASE OPERATIONS/COMMUNICATIONS	2,086,352	2,086,352
SUBTOTAL OPERATION & MAINTENANCE	32,231,390	32,231,390
RDT&E		
RESEARCH	9,097	9,097
EXPLORATORY DEVELOPMENT	58,517	58,517
ADVANCED DEVELOPMENT	221,226	221,226
DEMONSTRATION/VALIDATION	96,602	96,602
ENGINEERING DEVELOPMENT	364,057	364,057
MANAGEMENT AND SUPPORT	58,410	58,410
CAPABILITIES ENHANCEMENT	14,998	14,998
SUBTOTAL RDT&E	822,907	822,907
PROCUREMENT		
INITIAL OUTFITTING	20,611	20,611
REPLACEMENT & MODERNIZATION	360,727	360,727
JOINT OPERATIONAL MEDICINE INFORMATION SYS- TEM	2,413	2,413
DOD HEALTHCARE MANAGEMENT SYSTEM MOD- ERNIZATION	29,468	29,468
SUBTOTAL PROCUREMENT	413,219	413,219
UNDISTRIBUTED		
Historical unobligated balances		[-399,100]
Reduction for unjustified travel expenses		[-6,500]
Reimbursement rates for Comprehensive Autism Care		
Demonstration program		[32,000]
SUBTOTAL UNDISTRIBUTED		-373,600

SEC. 4501. OTHER AUTHORIZATIONS <i>(In Thousands of Dollars)</i>		
Program Title	FY 2017 Request	Conference Authorized
TOTAL DEFENSE HEALTH PROGRAM	33,467,516	33,093,916
TOTAL OTHER AUTHORIZATIONS	36,556,987	36,058,387
SEC. 4502. OTHER AUTHORIZATIONS FOR OVERSEAS CONTINGENCY OPERATIONS.		
SEC. 4502. OTHER AUTHORIZATIONS FOR OVERSEAS CONTINGENCY OPERATIONS <i>(In Thousands of Dollars)</i>		
Program Title	FY 2017 Request	Conference Authorized
WORKING CAPITAL FUND, ARMY INDUSTRIAL OPERATIONS		
SUPPLY MANAGEMENT—ARMY	46,833	46,833
TOTAL WORKING CAPITAL FUND, ARMY	46,833	46,833
WORKING CAPITAL FUND, DEFENSE-WIDE		
DEFENSE LOGISTICS AGENCY (DLA)	93,800	93,800
TOTAL WORKING CAPITAL FUND, DEFENSE-WIDE	93,800	93,800
DRUG INTERDICTION & CTR-DRUG ACTIVITIES, DEFENSE		
DRUG INTERDICTION AND COUNTER-DRUG ACTIVITIES, DEFENSE	191,533	191,533
TOTAL DRUG INTERDICTION & CTR-DRUG ACTIVITIES, DEF	191,533	191,533
OFFICE OF THE INSPECTOR GENERAL OPERATION AND MAINTENANCE		
OPERATION AND MAINTENANCE	22,062	22,062
TOTAL OFFICE OF THE INSPECTOR GENERAL	22,062	22,062
DEFENSE HEALTH PROGRAM OPERATION AND MAINTENANCE		
IN-HOUSE CARE	95,366	95,366
PRIVATE SECTOR CARE	235,620	235,620
CONSOLIDATED HEALTH SUPPORT	3,325	3,325
SUBTOTAL OPERATION AND MAINTENANCE	334,311	334,311
TOTAL DEFENSE HEALTH PROGRAM	334,311	334,311
UKRAINE SECURITY ASSISTANCE		
UKRAINE SECURITY ASSISTANCE		350,000
Program increase		[350,000]
TOTAL UKRAINE SECURITY ASSISTANCE		350,000
COUNTERTERRORISM PARTNERSHIPS FUND		
COUNTERTERRORISM PARTNERSHIPS FUND	1,000,000	0
Program decrease		[-250,000]
Transfer to Counter-ISIL Fund		[-750,000]
TOTAL COUNTERTERRORISM PARTNERSHIPS FUND	1,000,000	0
TOTAL OTHER AUTHORIZATIONS	1,688,539	1,038,539

SEC. 4503. OTHER AUTHORIZATIONS FOR OVERSEAS CONTINGENCY OPERATIONS FOR BASE REQUIREMENTS.

SEC. 4503. OTHER AUTHORIZATIONS FOR OVERSEAS CONTINGENCY OPERATIONS FOR BASE REQUIREMENTS <i>(In Thousands of Dollars)</i>		
Program Title	FY 2017 Request	Conference Authorized
DRUG INTERDICTION & CTR-DRUG ACTIVITIES, DEF DRUG INTERDICTION AND COUNTER-DRUG ACTIVITIES, DEFENSE	23,800	23,800
TOTAL DRUG INTERDICTION & CTR-DRUG ACTIVITIES, DEF	23,800	23,800
TOTAL OTHER AUTHORIZATIONS	23,800	23,800

TITLE XLVI—MILITARY CONSTRUCTION

SEC. 4601. MILITARY CONSTRUCTION.

SEC. 4601. MILITARY CONSTRUCTION <i>(In Thousands of Dollars)</i>				
Account	State/Country and Installation	Project Title	FY 2017 Request	Conference Authorized
Army	Alaska Fort Wainwright	Unmanned Aerial Vehicle Hangar.	47,000	47,000
Army	California Concord	Access Control Point	12,600	12,600
Army	Colorado Fort Carson	Automated Infantry Platoon Battle Course.	8,100	8,100
Army	Fort Carson	Unmanned Aerial Vehicle Hangar.	5,000	5,000
Army	Cuba Guantanamo Bay	Guantanamo Bay Naval Station Migration Complex.	33,000	33,000
Army	Georgia Fort Gordon	Access Control Point	0	0
Army	Fort Gordon	Company Operations Facility ...	0	10,600
Army	Fort Gordon	Cyber Protection Team Ops Facility.	90,000	90,000
Army	Fort Stewart	Automated Qualification/ Training Range.	14,800	14,800
Army	Germany East Camp Grafenwoehr	Training Support Center	22,000	22,000
Army	Garmisch	Dining Facility	9,600	9,600
Army	Wiesbaden Army Airfield	Controlled Humidity Warehouse.	16,500	16,500
Army	Wiesbaden Army Airfield	Hazardous Material Storage Building.	2,700	2,700
Army	Hawaii Fort Shafter	Command and Control Facility, Incr 2.	40,000	40,000
Army	Missouri Fort Leonard Wood	Fire Station	0	6,900
Army	Texas Fort Hood	Automated Infantry Platoon Battle Course.	7,600	7,600

SEC. 4601. MILITARY CONSTRUCTION
(In Thousands of Dollars)

Account	State/Country and Installation	Project Title	FY 2017 Request	Conference Authorized
	<i>Utah</i>			
Army	Camp Williams	Live Fire Exercise Shootouse ..	7,400	7,400
	<i>Virginia</i>			
Army	Fort Belvoir	Secure Admin/Operations Facility, Incr 2.	64,000	64,000
Army	Fort Belvoir	Vehicle Maintenance Shop	0	23,000
	<i>Worldwide Un-</i>			
	<i>specified</i>			
Army	Unspecified	Host Nation Support FY17	18,000	18,000
	<i>Worldwide</i>			
	<i>Locations</i>			
Army	Unspecified	Minor Construction FY17	25,000	35,000
	<i>Worldwide</i>			
	<i>Locations</i>			
Army	Unspecified	Planning and Design FY17	80,159	80,159
	<i>Worldwide</i>			
	<i>Locations</i>			
	Military Construction, Army Total		503,459	553,959
	<i>Arizona</i>			
Navy	Yuma	VMX-22 Maintenance Hangar	48,355	48,355
	<i>California</i>			
Navy	Coronado	Coastal Campus Entry Control Point.	13,044	13,044
Navy	Coronado	Coastal Campus Utilities Infrastructure.	81,104	81,104
Navy	Coronado	Grace Hopper Data Center Power Upgrades.	10,353	10,353
Navy	Lemoore	F-35C Engine Repair Facility ..	26,723	26,723
Navy	Miramar	Aircraft Maintenance Hangar, Incr 1.	0	79,399
Navy	Miramar	Communications Complex & Infrastructure Upgrade.	0	34,700
Navy	Miramar	F-35 Aircraft Parking Apron	0	40,000
Navy	San Diego	Energy Security Hospital Microgrid.	6,183	0
Navy	Seal Beach	Missile Magazines	21,007	21,007
	<i>Florida</i>			
Navy	Eglin AFB	WMD Field Training Facilities	20,489	20,489
Navy	Mayport NS	Advanced Wastewater Treatment Plant.	0	0
Navy	Pensacola	A-School Dormitory	0	0
	<i>Guam</i>			
Navy	Joint Region Marianas	Hardening of Guam POL Infrastructure.	26,975	26,975
Navy	Joint Region Marianas	Power Upgrade—Harmon	62,210	62,210
	<i>Hawaii</i>			
Navy	Barking Sands	Upgrade Power Plant & Electrical Distrib Sys.	43,384	43,384
Navy	Kaneohe Bay	Regimental Consolidated Comm/Elec Facility.	72,565	72,565
	<i>Japan</i>			
Navy	Kadena AB	Aircraft Maintenance Complex	26,489	26,489
Navy	Sasebo	Shore Power (Juliet Pier)	16,420	16,420
	<i>Maine</i>			
Navy	Kittery	Unaccompanied Housing	17,773	17,773
Navy	Kittery	Utility Improvements for Nuclear Platforms.	30,119	30,119
	<i>Maryland</i>			

SEC. 4601. MILITARY CONSTRUCTION
(In Thousands of Dollars)

Account	State/Country and Installa- tion	Project Title	FY 2017 Request	Conference Authorized
Navy	Patuxent River	UCLASS RDT&E Hangar	40,576	40,576
Navy	Nevada Fallon	Air Wing Simulator Facility	13,523	13,523
Navy	North Carolina Camp Lejeune	Range Facilities Safety Im- provements.	18,482	18,482
Navy	Cherry Point	Central Heating Plant Conver- sion.	12,515	12,515
Navy	South Carolina Beaufort	Aircraft Maintenance Hangar ..	83,490	83,490
Navy	Parris Island	Recruit Reconditioning Center & Barracks.	29,882	29,882
Navy	Spain Rota	Communication Station	23,607	23,607
Navy	Virginia Norfolk	Chambers Field Magazine Recap Ph I.	0	27,000
Navy	Washington Bangor	SEAWOLF Class Service Pier ..	0	73,000
Navy	Bangor	Service Pier Electrical Up- grades.	18,939	18,939
Navy	Bangor	Submarine Refit Maint Support Facility.	21,476	21,476
Navy	Bremerton	Nuclear Repair Facility	6,704	6,704
Navy	Whidbey Is- land	EA-18G Maintenance Hangar ..	45,501	45,501
Navy	Whidbey Is- land	Triton Mission Control Facility	30,475	30,475
Navy	Worldwide Un- specified Unspecified Worldwide Locations	Planning and Design	88,230	88,230
Navy	Unspecified Worldwide Locations	Unspecified Minor Construction	29,790	29,790
Navy	Various Worldwide Locations	Triton Forward Operating Base Hangar.	41,380	41,380
Military Construction, Navy Total			1,027,763	1,275,679
AF	Alabama Maxwell AFB	Jag School Expansion	0	15,500
AF	Alaska Clear AFS	Fire Station	20,000	20,000
AF	Eielson AFB	F-35A ADAL Field Training Detachment Fac.	22,100	22,100
AF	Eielson AFB	F-35A Aircraft Weather Shelter (Sqd 2).	82,300	82,300
AF	Eielson AFB	F-35A Aircraft Weather Shel- ters (Sqd 1).	79,500	79,500
AF	Eielson AFB	F-35A Earth Covered Maga- zines.	11,300	11,300
AF	Eielson AFB	F-35A Hangar/Propulsion MX/Dispatch.	44,900	44,900
AF	Eielson AFB	F-35A Hangar/Squad Ops/ AMU Sq #2.	42,700	42,700
AF	Eielson AFB	F-35A Missile Maintenance Fa- cility.	12,800	12,800

SEC. 4601. MILITARY CONSTRUCTION
(In Thousands of Dollars)

Account	State/Country and Installation	Project Title	FY 2017 Request	Conference Authorized
AF	Joint Base Elmendorf- Richardson Arizona	Add/Alter AWACS Alert Hangar.	29,000	29,000
AF	Luke AFB	F-35A Squad Ops/Aircraft Maint Unit #5.	20,000	20,000
AF	Australia Darwin	APR—Aircraft MX Support Facility.	1,800	1,800
AF	Darwin	APR—Expand Parking Apron ..	28,600	28,600
AF	California Edwards AFB	Flightline Fire Station	24,000	24,000
AF	Colorado Buckley AFB	Small Arms Range Complex	13,500	13,500
AF	Delaware Dover AFB	Aircraft Maintenance Hangar ..	39,000	39,000
AF	Florida Eglin AFB	Advanced Munitions Technology Complex.	75,000	75,000
AF	Eglin AFB	Dormitories (288 rooms)	0	35,000
AF	Eglin AFB	Flightline Fire Station	13,600	13,600
AF	Patrick AFB	Fire/Crash Rescue Station	13,500	13,500
AF	Georgia Moody AFB	Personnel Recovery 4-Bay Hangar/Helo MX Unit.	30,900	30,900
AF	Germany Ramstein AB	37 AS Squadron Operations/ Aircraft Maint Unit.	13,437	13,437
AF	Spangdahlem AB	EIC—Site Development and Infrastructure.	43,465	43,465
AF	Guam Joint Region Marianas	APR—Munitions Storage Igloos, Ph 2.	35,300	35,300
AF	Joint Region Marianas	APR—SATCOM C4I Facility ...	14,200	14,200
AF	Joint Region Marianas	Block 40 Maintenance Hangar	31,158	31,158
AF	Illinois Scott AFB	Consolidated Corrosion Facility add/alter.	0	41,000
AF	Japan Kadena AB	APR—Replace Munitions Structures.	19,815	19,815
AF	Yokota AB	C-130J Corrosion Control Hangar.	23,777	23,777
AF	Yokota AB	Construct Combat Arms Training & Maint Fac.	8,243	8,243
AF	Kansas McConnell AFB	Air Traffic Control Tower	11,200	11,200
AF	McConnell AFB	KC-46A ADAL Taxiway Delta	5,600	5,600
AF	McConnell AFB	KC-46A Alter Flight Simulator Bldgs.	3,000	3,000
AF	Louisiana Barksdale AFB	Consolidated Communication Facility.	21,000	21,000
AF	Mariana Islands Unspecified Location	APR—Land Acquisition	9,000	9,000
	Maryland			

SEC. 4601. MILITARY CONSTRUCTION
(In Thousands of Dollars)

Account	State/Country and Installation	Project Title	FY 2017 Request	Conference Authorized
AF	Joint Base Andrews	21 Points Enclosed Firing Range.	13,000	13,000
AF	Joint Base Andrews	Consolidated Communications Center.	0	50,000
AF	Joint Base Andrews	PAR Relocate JADOC Satellite Site.	3,500	3,500
	Massachusetts			
AF	Hanscom AFB	Construct Vandenberg Gate Complex.	0	10,965
AF	Hanscom AFB	System Management Engineering Facility.	20,000	20,000
	Montana			
AF	Malmstrom AFB	Missile Maintenance Facility	14,600	14,600
	Nevada			
AF	Nellis AFB	F-35A POL Fill Stand Addition.	10,600	10,600
	New Mexico			
AF	Cannon AFB	North Fitness Center	21,000	21,000
AF	Holloman AFB	Hazardous Cargo Pad and Taxiway.	10,600	10,600
AF	Kirtland AFB	Combat Rescue Helicopter Simulator.	7,300	7,300
	Ohio			
AF	Wright-Patterson AFB	Relocated Entry Control Facility 26A.	12,600	12,600
	Oklahoma			
AF	Altus AFB	KC-46A FTU/FTC Simulator Facility Ph 2.	11,600	11,600
AF	Tinker AFB	E-3G Mission and Flight Simulator Training Facility.	0	26,000
AF	Tinker AFB	KC-46A Depot System Integration Laboratory.	17,000	17,000
	South Carolina			
AF	Joint Base Charleston	Fire & Rescue Station	0	17,000
	Texas			
AF	Joint Base San Antonio	BMT Recruit Dormitory 6	67,300	67,300
	Turkey			
AF	Incirlik AB	Airfield Fire/Crash Rescue Station.	13,449	13,449
	United Arab Emirates			
AF	Al Dhafra	Large Aircraft Maintenance Hangar.	35,400	35,400
	United Kingdom			
AF	RAF Croughton	JIAC Consolidation—Ph 3	53,082	53,082
AF	RAF Croughton	Main Gate Complex	16,500	16,500
	Utah			
AF	Hill AFB	649 MUNS Munitions Storage Magazines.	6,600	6,600
AF	Hill AFB	649 MUNS Precision Guided Missile MX Facility.	8,700	8,700
AF	Hill AFB	649 MUNS STAMP/Maint & Inspection Facility.	12,000	12,000
AF	Hill AFB	Composite Aircraft Antenna Calibration Fac.	7,100	7,100

SEC. 4601. MILITARY CONSTRUCTION
(In Thousands of Dollars)

Account	State/Country and Installa- tion	Project Title	FY 2017 Request	Conference Authorized
AF	Hill AFB	F-35A Munitions Maintenance Complex.	10,100	10,100
	Virginia			
AF	Joint Base Langley-Eustis	Air Force Targeting Center	45,000	45,000
AF	Joint Base Langley-Eustis	Fuel System Maintenance Dock	14,200	14,200
	Washington			
AF	Fairchild AFB	Pipeline Dorm, USAF SERE School (150 RM).	27,000	27,000
	Worldwide Un- specified			
AF	Various Worldwide Locations	Planning & Design	143,582	143,582
AF	Various Worldwide Locations	Unspecified Minor Military Construction.	30,000	40,000
	Wyoming			
AF	F. E. Warren AFB	Missile Transfer Facility Bldg 4331.	5,550	5,550
	Military Construction, Air Force Total		1,481,058	1,686,523
	Alaska			
Def-Wide	Clear AFS	Long Range Discrim Radar Sys Complex Ph 1.	155,000	155,000
Def-Wide	Fort Greely	Missile Defense Complex Switchgear Facility.	9,560	9,560
Def-Wide	Joint Base Elmendorf-Richardson	Construct Truck Offload Facility.	4,900	4,900
	Arizona			
Def-Wide	Fort Huachuca	JITC Building 52110 Renovation.	4,493	4,493
	California			
Def-Wide	Coronado	SOF Human Performance Training Center.	15,578	15,578
Def-Wide	Coronado	SOF Seal Team Ops Facility	47,290	47,290
Def-Wide	Coronado	SOF Seal Team Ops Facility	47,290	47,290
Def-Wide	Coronado	SOF Special RECON Team ONE Operations Fac.	20,949	20,949
Def-Wide	Coronado	SOF Training Detachment ONE Ops Facility.	44,305	44,305
Def-Wide	Travis AFB	Replace Hydrant Fuel System ..	26,500	26,500
	Delaware			
Def-Wide	Dover AFB	Welch ES/Dover MS Replacement.	44,115	44,115
	Diego Garcia			
Def-Wide	Diego Garcia	Improve Wharf Refueling Capability.	30,000	30,000
	Florida			
Def-Wide	Patrick AFB	Replace Fuel Tanks	10,100	10,100
	Georgia			
Def-Wide	Fort Benning	SOF Tactical Unmanned Aerial Vehicle Hangar.	4,820	4,820
Def-Wide	Fort Gordon	Medical Clinic Replacement	25,000	25,000
	Germany			
Def-Wide	Kaiserlautern AB	Sembach Elementary/Middle School Replacement.	45,221	45,221