

The Senate recedes with a technical amendment.

Family housing (sec. 2302)

The Senate bill contained a provision (sec. 2302) that would authorize new construction, planning, and design of family housing units for the Air Force for fiscal year 2017. This provision would also authorize funds for facilities that support family housing, including housing management offices, housing maintenance, and storage facilities.

The House amendment contained an identical provision (sec. 2302).

The conference agreement includes this provision.

Improvements to military family housing units (sec. 2303)

The Senate bill contained a provision (sec. 2303) that would authorize the Secretary of the Air Force to improve existing family housing units of the Department of the Air Force in an amount not to exceed \$150.7 million.

The House amendment contained an identical provision (sec. 2303).

The conference agreement includes this provision.

Authorization of appropriations, Air Force (sec. 2304)

The Senate bill contained a provision (sec. 2304) that would authorize appropriations for the active component military construction and family housing projects of the Air Force authorized for construction for fiscal year 2017. This provision would also provide an overall limit on the amount authorized for military construction and family housing projects for the active component of the Air Force. The state list contained in this report is the binding list of the specific projects authorized at each location.

The House amendment contained an identical provision (sec. 2304).

The conference agreement includes this provision.

Modification of authority to carry out certain fiscal year 2016 project (sec. 2305)

The Senate bill contained a provision (sec. 2305) that would modify the authorization contained in section 2301 of the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114–92) for a tactical response force alert facility at Malstrom Air Force Base, Montana to include the construction of an emergency power generator system.

The House amendment contained an identical provision (sec. 2305).

The conference agreement includes this provision.

Extension of authorization of certain fiscal year 2013 project (sec. 2306)

The House amendment contained a provision (sec. 2306) that would extend the authorization listed, originally provided by section 2301 of the Military Construction Authorization Act for Fiscal Year 2013 (division B of Public Law 112–239), and previously extended by section 2309 of the Military Construction Authorization

Act for Fiscal Year 2016 (Public Law 114–92), until October 1, 2017, or the date of the enactment of an act authorizing funds for military construction for fiscal year 2018, whichever is later.

The Senate bill contained no similar provision.

The Senate recesses.

Extension of authorization of certain fiscal year 2014 project (sec. 2307)

The Senate bill contained a provision (sec. 2306) that would extend the authorization contained in section 2301 of the Military Construction Act for Fiscal Year 2014 (division B of Public Law 113–66) for various projects until October 1, 2017, or the date of the enactment of an act authorizing funds for military construction for fiscal year 2018, whichever is later.

The House amendment contained a similar provision (sec. 2307).

The Senate recesses.

Restriction on acquisition of property in Northern Mariana Islands (sec. 2308)

The House amendment contained a provision (sec. 2308) that would prohibit the Secretary of the Air Force from using any of the amounts authorized to be appropriated to acquire property or interests in property at an unspecified location in the Commonwealth of the Northern Mariana Islands until the congressional defense committees have received a report from the Secretary that provides the specific location of the property or interest in property to be acquired, the total cost, scope and location of military construction projects for divert activities and exercises at the location, and an analysis of any alternative locations considered, including other locations or interests within the Commonwealth of the Northern Mariana Islands or the Freely Associated States.

The Senate bill contained no similar provision.

The Senate recesses.

TITLE XXIV—DEFENSE AGENCIES MILITARY CONSTRUCTION

Summary

The budget request included authorization of appropriations of \$2.06 billion for military construction and \$62.4 million for family housing for the defense agencies in fiscal year 2017.

The conference agreement includes authorization of appropriations of \$2.03 billion for military construction and \$62.4 million for family housing for the defense agencies in fiscal year 2017.

The budget request included \$10.0 million for contingency construction at various world-wide locations. The conferees note that the Department of Defense has not requested a military construction project using funds from this account since 2008. As such, the agreement recommends no funds, a reduction of \$10.0 million for this program.

The budget request included \$10.0 million for the Energy Conservation Investment Program's Planning and Design activities. The conferees recommend that this program be carried out as part of the Defense-Wide Military Construction program. Therefore, the

agreement recommends no funding for the Energy Conservation Investment Program's Planning and Design activities, a reduction of \$10.0 million, and \$23.5 million for Defense Wide Military Construction Planning and Design activities, an increase of \$10.0 million, to reflect the inclusion of the Energy Conservation Investment Program as part of the Defense Wide Military Construction program.

The budget request included \$71.6 million for the National Geospatial Intelligence Agency Military Construction Planning and Design activities. The conferees understand that the National Geospatial Intelligence Agency would be unable to execute the full amount requested for Military Construction Planning and Design activities in fiscal year 2017. Therefore, the agreement recommends \$36.0 million, a reduction of \$35.6 million, for this program.

In addition, the agreement recommends an increase of funding for a military construction project not included in the budget request, \$15.0 million for the Missile Defense Agency Military Construction Planning and Design activities for an East Coast site for homeland missile defense.

Authorized Defense Agencies construction and land acquisition projects (sec. 2401)

The Senate bill contained a provision (sec. 2401) that would contain the list of authorized defense agencies' construction projects for fiscal year 2017. The authorized amounts are listed on an installation-by-installation basis. The state list contained in this Act is intended to be the binding list of the specific projects authorized at each location.

The House amendment contained a similar provision (sec. 2401).

The Senate recedes with a technical amendment.

Authorized energy conservation projects (sec. 2402)

The House amendment contained a provision (sec. 2402) that would authorize the Secretary of Defense to carry out energy conservation projects valued at a cost greater than \$3.0 million at the amounts authorized for each project at a specific location. This section would also authorize the sum total of projects across various locations, each project of which is less than \$3.0 million.

The Senate bill contained a similar provision (sec. 2402).

The Senate recedes.

Authorization of appropriations, Defense Agencies (sec. 2403)

The Senate bill contained a provision (sec. 2403) that would authorize appropriations for the military construction and family housing projects of the defense agencies authorized for construction for fiscal year 2017. This provision would also provide an overall limit on the amount authorized for military construction and family housing projects for the defense agencies.

The House amendment contained an identical provision (sec. 2403).

The conference agreement includes this provision.

Modification of authority to carry out certain fiscal year 2014 project (sec. 2404)

The Senate bill contained a provision (sec. 2404) that would modify the authority contained in section 2401 of the Military Construction Authorization Act for Fiscal Year 2014 (division B of Public Law 113–66) for the construction of a high school at Royal Air Force Base Lakenheath, United Kingdom to allow the construction of a combined middle/high school.

The House amendment contained an identical provision (sec. 2404).

The conference agreement includes this provision.

Extension of authorizations of certain fiscal year 2013 projects (sec. 2405)

The Senate bill contained a provision (sec. 2405) that would extend the authorization contained in section 2401 of the Military Construction Authorization Act for Fiscal Year 2013 (division B of Public Law 112–239) for two projects until October 1, 2017, or the date of the enactment of an act authorizing funds for military construction for fiscal year 2018, whichever is later.

The House amendment contained an identical provision (sec. 2405).

The conference agreement includes this provision.

Extension of authorizations of certain fiscal year 2014 projects (sec. 2406)

The Senate bill contained a provision (sec. 2406) that would extend the authorization contained in section 2401 of the Military Construction Authorization Act for Fiscal Year 2014 (division B of Public Law 113–66) for ten projects until October 1, 2017, or the date of enactment of an act authorizing funds for the military construction for fiscal year 2018, whichever is later.

The House amendment contained an identical provision (sec. 2406).

The conference agreement includes this provision.

TITLE XXV—INTERNATIONAL PROGRAMS

Summary

The budget request included authorization of appropriations of \$177.9 million for military construction in fiscal year 2017 for the North Atlantic Treaty Organization (NATO) Security Investment Program. In addition, pursuant to agreement with the Republic of Korea, the budget request included a list of \$618.6 million in military construction projects to be funded as in-kind contributions by the Republic of Korea.

The conference agreement includes this amount for the NATO projects and the authorization to accept the military construction projects funded by the Republic of Korea.

Subtitle A—North Atlantic Treaty Organization Security
Investment Program

Authorized NATO construction and land acquisition projects (sec. 2501)

The Senate bill contained a provision (sec. 2501) that would authorize the Secretary of Defense to make contributions to the North Atlantic Treaty Organization Security Investment Program in an amount equal to the sum of the amount specifically authorized in section 2502 of this title and the amount of recoupment due to the United States for construction previously financed by the United States.

The House amendment contained an identical provision (sec. 2501).

The conference agreement includes this provision.

Authorization of appropriations, NATO (sec. 2502)

The Senate bill contained a provision (sec. 2502) that would authorize appropriations of \$177.9 million for the U.S. contribution to the North Atlantic Treaty Organization Security Investment Program for fiscal year 2017.

The House amendment contained an identical provision (sec. 2502).

The conference agreement includes this provision.

Subtitle B—Host Country In-Kind Contributions

Republic of Korea funded construction projects (sec. 2511)

The Senate bill contained a provision (sec. 2511) that would authorize the Secretary of Defense to accept 19 military construction projects totaling \$684.1 million from the Republic of Korea as in-kind contributions.

The House amendment contained no similar provision.

The House recedes with a technical amendment.

TITLE XXVI—GUARD AND RESERVE FORCES FACILITIES

Summary

The budget request included \$672.7 million for military construction for National Guard and Reserve facilities for fiscal year 2017.

The conference agreement includes authorization of appropriations of \$781.2 million for military construction for National Guard and Reserve facilities in fiscal year 2017.

The agreement includes authorization for three projects from the Army National Guard's unfunded requirements list: \$16.5 million for National Guard Readiness Center at Fort Carson, Colorado; \$20.0 million for Access Control Buildings at Fort Indiantown Gap, Pennsylvania; and \$31.0 million for a General Instruction Building at Camp Guernsey, Wyoming.

The agreement includes authorization for one project from the Army Reserves unfunded requirements list: \$30.0 million for an Army Reserve Center in Phoenix, Arizona.

The agreement includes authorization for two projects from the Air National Guard's unfunded requirements list: \$5.0 million for Munitions Load Crew Training/Corrosion Control Facility at Joint Base Andrews, Maryland and \$6.0 million for Indoor Small Arms Range at Toledo Express Airport, Ohio.

Subtitle A—Project Authorizations and Authorizations of Appropriations

Authorized Army National Guard construction and land acquisition projects (sec. 2601)

The Senate bill contained a provision (sec. 2601) that would authorize military construction projects for the Army National Guard for fiscal year 2017. The authorized amounts are listed on an installation-by-installation basis.

The House amendment contained a similar provision (sec. 2601).

The Senate recesses with a technical amendment.

Authorized Army Reserve construction and land acquisition projects (sec. 2602)

The Senate bill contained a provision (sec. 2602) that would authorize military construction projects for the Army Reserve for fiscal year 2017. The authorized amounts are listed on an installation-by-installation basis.

The House amendment contained a similar provision (sec. 2602).

The House recesses.

Authorized Navy Reserve and Marine Corps Reserve construction and land acquisition projects (sec. 2603)

The Senate bill contained a provision (sec. 2603) that would contain the list of authorized Navy Reserve and Marine Corps Reserve construction projects for fiscal year 2017.

The House amendment contained an identical provision (sec. 2603).

The conference agreement includes this provision.

Authorized Air National Guard construction and land acquisition projects (sec. 2604)

The Senate bill contained a provision (sec. 2604) that would authorize military construction projects for the Air National Guard for fiscal year 2017. The authorized amounts are listed on an installation-by-installation basis.

The House amendment contained a similar provision (sec. 2604).

The Senate recesses.

Authorized Air Force Reserve construction and land acquisition projects (sec. 2605)

The Senate bill contained a provision (sec. 2605) that would authorize military construction projects for the Air Force Reserve for fiscal year 2017. The authorized amounts are listed on an installation-by-installation basis.

The House amendment contained a similar provision (sec. 2605).

The House recesses.

Authorization of appropriations, National Guard and Reserve (sec. 2606)

The Senate bill contained a provision (sec. 2606) that would authorize appropriations for the reserve component military construction projects authorized for construction for fiscal year 2017 in this Act. This provision would also provide an overall limit on the amount authorized for military construction projects for each of the reserve components of the military departments. The state list contained in this report is the binding list of the specific projects authorized at each location.

The House amendment contained an identical provision (sec. 2606).

The conference agreement includes this provision.

Subtitle B—Other Matters

Modification of authority to carry out certain fiscal year 2014 project (sec. 2611)

The Senate bill contained a provision (sec. 2611) that would modify the authorization contained in section 2602 of the Military Construction Authorization Act for Fiscal Year 2014 (division B of Public Law 113–66) for construction of a new Army Reserve Center at Bullville, New York to allow the Secretary of the Army to add to or alter the existing Army Reserve Center at that location.

The House amendment contained an identical provision (sec. 2611).

The conference agreement includes this provision.

Modification of authority to carry out certain fiscal year 2015 project (sec. 2612)

The Senate bill contained a provision (sec. 2612) that would modify the authorizations contained in section 2603 of the Military Construction Authorization Act for Fiscal Year 2015 (division B of Public Law 113–291), for construction of a Reserve Training Center in Pittsburgh, Pennsylvania to allow the acquisition of approximately 8.5 acres of adjacent land necessary to construct road improvements and associated supporting facilities to provide required access to that site.

The House amendment contained an identical provision (sec. 2612).

The conference agreement includes this provision.

Modification of authority to carry out certain fiscal year 2016 project (sec. 2613)

The House amendment contained a provision (sec. 2613) that would modify the authority provided by section 2602 of the Military Construction Authorization Act for Fiscal Year 2016 (division B of Public Law 114–92) to authorize the Secretary of the Army to make certain modifications to the scope of a previously authorized construction project.

The Senate bill contained no similar provision.
The Senate recesses.

Extension of authorization of certain fiscal year 2013 project (sec. 2614)

The Senate bill contained a provision (sec. 2613) that would extend the authorization contained in section 2603 of the Military Construction Authorization Act for Fiscal Year 2013 (division B of Public Law 112–239) for one project until October 1, 2017, or the date of the enactment of an act authorizing funds for military construction for fiscal year 2018, whichever is later.

The House amendment contained an identical provision (sec. 2614).

The conference agreement includes this provision.

Extension of authorizations of certain fiscal year 2014 projects (sec. 2615)

The Senate bill contained a provision (sec. 2614) that would extend the authorization contained in sections 2602, 2603, 2604, and 2605 of the Military Construction Authorization Act for Fiscal Year 2014 (division B of Public Law 113–66) for six projects until October 1, 2017, or the date of the enactment of an act authorizing funds for military construction for fiscal year 2018, whichever is later.

The House amendment contained an identical provision (sec. 2615).

The conference agreement includes this provision.

LEGISLATIVE PROVISIONS NOT ADOPTED

Report on replacement of security forces and communications training facility at Frances S. Gabreski Air National Guard Base, New York

The Senate bill contained a provision (sec. 2615) that would require the Secretary of the Air Force to submit a report to the congressional defense committees assessing the need to replace security forces and communication facilities at Frances S. Gabreski Air National Guard Base, New York.

The House amendment contained no similar provision.

The Senate recesses.

The conferees direct the Secretary of the Air Force to provide the congressional defense committees, by April 1, 2017, a report detailing an assessment of the need to replace security forces and communication facilities at Frances S. Gabreski Air National Guard Base, New York.

TITLE XXVII—BASE REALIGNMENT AND CLOSURE ACTIVITIES

Summary

The budget request included authorization of appropriations of \$205.2 million for the ongoing cost of environmental remediation and other activities necessary to continue implementation of the 1988, 1991, 1993, 1995, and 2005 Base Realignment and Closure (BRAC) rounds.

The conference agreement includes authorization of appropriations of \$240.7 million for activities related to BRAC activities from previous rounds. This includes \$24.5 million, an increase of \$10.0 million, for the Army, \$159.4 million, an increase of \$25.0 million, for the Navy, and \$56.4 million, as included in the budget request, for the Air Force.

Extension of authorizations of certain fiscal year 2014 projects (sec. 2701)

The Senate bill contained a provision (sec. 2701) that would authorize appropriations for fiscal year 2017 for ongoing activities that are required to implement the decisions of the 1988, 1991, 1993, 1995, and 2005 Base Realignment and Closure rounds.

The House amendment contained an identical provision (sec. 2701).

The conference agreement includes this provision.

Prohibition on conducting additional base realignment and closure (BRAC) round (sec. 2702)

The Senate bill contained a provision (sec. 2702) that would make clear that nothing in this Act shall be construed to authorize a future Base Realignment and Closure (BRAC) round. Elsewhere in the Act, the Senate recommended a reduction of \$4.0 million for BRAC planning activities.

The House amendment contained a similar provision (sec. 2701).

The House recedes.

The conferees remain concerned that the Secretary of Defense has yet to provide the force structure plan, the infrastructure inventory, and the assessment of infrastructure necessary to support the force structure that were required to be prepared under section 2815 of the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114–92; 129 Stat. 1175). The conferees believe this congressionally directed report is necessary in order to evaluate the Department's need, and request for a new base realignment and closure round.

TITLE XXVIII—MILITARY CONSTRUCTION GENERAL PROVISIONS

Subtitle A—Military Construction Program and Military Family Housing Changes

Modification of criteria for treatment of laboratory revitalization projects as minor military construction projects (sec. 2801)

The Senate bill contained a provision (sec. 220) that would modify the authority to use minor military construction to revitalize antiquated laboratories and to increase the scope of the projects that are allowed under this provision to \$6.0 million. Additionally, this provision would extend the authorization to 2025.

The House amendment contained a similar provision (sec. 2801).

The Senate recedes with an amendment that includes the extension of the authorization through 2025.

Classification of facility conversion projects as repair projects (sec. 2802)

The House amendment contained a provision (sec. 2802) that would amend section 2811 of title 10, United States Code, to reclassify facility conversion as repair, thereby allowing all work within the existing dimensions of a facility to be considered repair.

The Senate bill contained no similar provision.

The Senate recesses.

Limited authority for scope of work increase (sec. 2803)

The Senate bill contained a provision (sec. 2802) that would allow the Department of Defense to increase the scope of military construction projects by up to 10 percent above the amount authorized by Congress after notifying the appropriate congressional committees.

The House amendment contained no similar provision.

The House recesses.

Extension of temporary, limited authority to use operation and maintenance funds for construction projects in certain areas outside the United States (sec. 2804)

The Senate bill contained a provision (sec. 2801) that would reauthorize contingency construction authority in certain areas outside the United States for an additional year.

The House amendment contained a similar provision (sec. 2803) that would provide continued authority for the Secretary of Defense to use funds appropriated for Operation and Maintenance for military construction to meet temporary operational requirements during a time of declared war, national emergency, or contingency operation through the end of fiscal year 2017.

The Senate recesses.

Authority to expand energy conservation construction program to include energy resiliency projects (sec. 2805)

The House amendment contained a provision (sec. 2805) that would amend section 2914 of title 10, United States Code, to address gaps in the information contained in congressional notifications submitted by the Secretary of Defense for the Energy Conservation Investment Program. This section would also add an annual reporting requirement on the status of projects being executed under the program beginning with fiscal year 2017 and ending with fiscal year 2020.

The Senate bill contained a related provision (sec. 2811) that would allow the Energy Conservation Investment Program to invest in projects relating to resiliency and security.

The Senate recesses with an amendment to expand the authority of the Energy Conservation Investment Program to include resiliency projects.

Additional entities eligible for participation in defense laboratory modernization pilot program (sec. 2806)

The House amendment contained a provision (sec. 2806) that would expand the defense laboratory modernization pilot program to include a Department of Defense research, development, test,

and evaluation facility that is not designated as a Science and Technology Reinvention Laboratory, but nonetheless is involved with developmental test and evaluation.

The Senate bill contained no similar provision.

The Senate recesses.

Extension of temporary authority for acceptance and use of contributions for certain construction, maintenance, and repair projects mutually beneficial to the Department of Defense and Kuwait military forces (sec. 2807)

The Senate bill contained a provision (sec. 2803) that would make permanent the authority to accept contributions from the Government of Kuwait for certain infrastructure projects that are mutually beneficial to the Department of Defense and Kuwait Military Forces.

The House amendment contained a similar provision (sec. 2804) that would extend for 5 years the temporary project authority for acceptance and use of contributions for construction, maintenance, and repair projects mutually beneficial to the Department of Defense and Kuwait military forces from September 30, 2020, to September 30, 2025.

The House recesses with an amendment that would extend the temporary project authority for 10 years.

Subtitle B—Real Property and Facilities Administration

Acceptance of military construction projects as payments in-kind and in-kind contributions (sec. 2811)

The House amendment contained a provision (sec. 2811) that would establish a notification requirement for payment in-kind and in-kind contributions used for overseas military construction projects and repeal the authorization requirement established for such projects in section 2803 of the Carl Levin and Howard P. “Buck” McKeon National Defense Authorization Act for Fiscal Year 2015 (Public Law 113–291).

The Senate bill contained no similar provision.

The Senate recesses with a technical amendment.

Allotment of space and provision of services to WIC offices operating on military installations (sec. 2812)

The House amendment contained a provision (sec. 2813) that would authorize the Secretary of a military department to allot space and services on military installations to local agencies administering WIC programs to service members and their families.

The Senate bill contained no similar provision.

The Senate recesses.

Sense of Congress regarding inclusion of stormwater systems and components within the meaning of “wastewater system” under the Department of Defense authority for conveyance of utility systems (sec. 2813)

The House amendment contained a provision (sec. 2815) that would express the sense of Congress that stormwater systems and components are included within the meaning of “wastewater sys-

tem” under the Department of Defense authority for conveyance of utility systems in section 2688 of title 10, United States Code.

The Senate bill contained no similar provision.

The Senate recesses.

Assessment of public schools on Department of Defense installations (sec. 2814)

The Senate bill contained a provision (sec. 575) that would require the Comptroller General of the United States to submit a report, within 1 year after the date of enactment of this Act, which provides an analysis of the condition and capacity of public schools on military installations. The provision would require the analysis to include schools omitted from the July 2011 Department of Defense analysis of such schools.

The House amendment contained a provision (sec. 2816) that would require the Secretary of Defense, within 1 year of the date of enactment of this Act, to submit a report to the congressional defense committees, which includes an update to the July 2011 assessment on the condition and capacity of elementary and secondary public schools on military installations.

The Senate recesses with an amendment that would require the Secretary to submit additional information in the report required under this provision on the status of funds appropriated and the schedule for completion of projects approved for funding. Additionally, the provision would require the Comptroller General of the United States to submit a report to the congressional defense committees, within 180 days after the date of submission of the report by the Secretary, providing an evaluation of the accuracy and analytical sufficiency of the updated assessment conducted by the Department of Defense.

Prior certification required for use of Department of Defense facilities by other Federal agencies for temporary housing support (sec. 2815)

The House amendment contained a provision (sec. 2812) that would prohibit any military installation, not including those installations located outside of the United States, from being used to house unaccompanied alien children.

The Senate bill contained no similar provision.

The Senate recesses with an amendment that would require the Secretary of Defense to certify that the use of federal facilities by another agency would not negatively affect military training, operations, readiness, or other military requirements.

Subtitle C—Land Conveyances

Land conveyances, High Frequency Active Auroral Research Program facility and adjacent property, Gakona, Alaska (sec. 2821)

The Senate bill contained a provision (sec. 2823) that would authorize the Secretary of the Air Force to convey a portion of the property that was used for the High Frequency Active Auroral Research Program near the Gulkana Village to the University of Alaska for consideration that the Secretary determines is appropriate. The provision would authorize the Secretary of the Air Force to

convey another portion of the property, for consideration, to the Ahtna Alaska Native Corporation from which the property was purchased by the Secretary.

The House amendment contained a similar provision (sec. 2831).

The House recesses.

Land conveyance, Campion Air Force Radar Station, Galena, Alaska (sec. 2822)

The Senate bill contained a provision (sec. 2822) that would authorize the Secretary of the Air Force to convey the former Campion Air Force station to the town of Galena, Alaska.

The House amendment contained a similar provision (sec. 2832).

The House recesses.

Lease, Joint Base Elmendorf-Richardson, Alaska (sec. 2823)

The Senate bill contained a provision (sec. 2826) that would authorize the Secretary of the Air Force to lease certain property at Joint Base Elmendorf-Richardson to the Municipality of Anchorage, Alaska and Mountain View Loins Club.

The House amendment contained no similar provision.

The House recesses.

Transfer of administrative jurisdictions, Navajo Army Depot, Arizona (sec. 2824)

The Senate bill contained a provision (sec. 2825) that would provide for the transfer of administrative jurisdiction of property at Navajo Army Depot, Arizona, to the Department of the Army for the purposes of continued military operations.

The House amendment contained no similar provision.

The House recesses with a technical amendment.

Exchange of property interests, San Diego Unified Port District, California (sec. 2825)

The House amendment contained a provision (sec. 2833) that would authorize the Secretary of the Navy to exchange approximately 0.33 acres in San Diego, California that contains 48 parking spaces, with the San Diego Unified Port District in return for property of equal value, and without encumbrances, that provides the rights to an equivalent number of parking spaces.

The Senate bill contained no similar provision.

The Senate recesses.

Release of property interests retained in connection with land conveyance, Eglin Air Force Base, Florida (sec. 2826)

The House amendment contained a provision (sec. 2834) that would authorize the Secretary of the Air Force to release any and all exceptions, limitations, and conditions specified by the United States in the deeds conveying approximately 126 acres of real property in Okaloosa County, Florida, which were conveyed to the Air Force Enlisted Men's Widows and Dependents Home Foundations, Incorporated.

The Senate bill contained no similar provision.

The Senate recedes with a technical amendment.

Land exchange, Fort Hood, Texas (sec. 2827)

The House amendment contained a provision (sec. 2835) that would authorize the Secretary of the Army to exchange land at Fort Hood, Texas, with the City of Copperas Cove, Texas, to support the city's efforts to improve arterial transportation routes in the vicinity of Fort Hood and to promote economic development.

The Senate bill contained no similar provision.

The Senate recedes.

Land conveyance, P-36 Warehouse, Colbern United States Army Reserve Center, Laredo, Texas (sec. 2828)

The House amendment contained a provision (sec. 2836) that would authorize the Secretary of the Army to convey, without consideration, to the Laredo Community College all right, title, and interest of the United States in and to the approximately 725 square foot Historic Building, P-36 Quartermaster Warehouse, at Colbern United States Army Reserve Center, Laredo, Texas.

The Senate bill contained no similar provision.

The Senate recedes with a technical amendment.

Land conveyance, St. George National Guard Armory, St. George, Utah (sec. 2829)

The House amendment contained a provision (sec. 2837) that would authorize the Secretary of the Interior to convey, without consideration, to the State of Utah all right, title, and interest of the United States in and to a parcel of public land in St. George, Utah, comprising approximately 70 acres, for the purpose of permitting the Utah National Guard to use the conveyed land for military purposes.

The Senate bill contained no similar provision.

The Senate recedes with an amendment that would include a reversionary clause.

Land acquisitions, Arlington County, Virginia (sec. 2829A)

The Senate bill contained a provision (sec. 2821) that would authorize the Secretary of the Army to acquire by whatever means the Secretary determines is sufficient for the expansion of Arlington National Cemetery in order to maximize the number of interment sites and the compatible use of adjacent properties.

The House amendment contained no similar provision.

The House recedes with a technical amendment.

Release of restrictions, Richland Innovation Center, Richland, Washington (sec. 2829B)

The House amendment contained a provision (sec. 2838) that would authorize the Secretary of Transportation, acting through the Maritime Administrator and in consultation with the Administrator of General Services, to release, for consideration, to the Port of Benton all remaining right, title, and interest of the United States in and to a parcel of real property consisting of approximately 71.5 acres, including any improvements thereon, in Richland, Washington.

The Senate bill contained no similar provision.
The Senate recesses.

Modification of land conveyance, Rocky Mountain Arsenal National Wildlife Refuge (sec. 2829C)

The House amendment contained a provision (sec. 2839) that would amend section 5(d)(1) of the Rocky Mountain Arsenal National Wildlife Refuge Act of 1992 (Public Law 102-402), to stipulate that any real property designated for disposal under this section that prohibits the use of the property for residential or industrial purposes may be modified or removed if it is determined, through a risk assessment, that the property is protective for the proposed use.

The Senate bill contained no similar provision.

The Senate recesses with an amendment that would allow property to be used if a determination is made that the property will be protective of human health and the environment for the proposed use with an adequate margin of safety following the modification or removal of the restriction. The provision would further state that the Secretary of the Army is not responsible for the cost of risk assessment, any damages attributable to the use as a result of any modification to the original deed restriction, or costs of any actions taken in response to such damages.

Closure of St. Marys Airport (sec. 2829D)

The House amendment contained a provision (sec. 2839A) that would provide for the release of the City of St. Marys, Georgia, from its obligations to the Federal Aviation Administration (FAA) associated with operation of an airport and for the Secretary of the Navy to pay for certain costs owed by the City of St. Marys to FAA associated with the release. This would then lead to the closure of the airport.

The Senate bill contained no similar provision.
The Senate recesses.

Transfer of Fort Belvoir Mark Center Campus from the Secretary of the Army to the Secretary of Defense and applicability of certain provisions of law relating to the Pentagon Reservation (sec. 2829E)

The Senate bill contained a provision (sec. 2824) that would transfer the administrative jurisdiction of the Fort Belvoir Mark Center, where the Washington Headquarters Service is located, from the Secretary of the Army to the Secretary of Defense.

The House amendment contained no similar provision.
The House recesses.

Return of certain lands at Fort Wingate to the original inhabitants (sec. 2829F)

The House amendment contained a provision (sec. 7005) that would incorporate the Return of Certain Lands at Fort Wingate to The Original Inhabitants Act into this Act. This Act would require all U.S. interest in and to specified lands of the former Fort Wingate Depot Activity in McKinley County, New Mexico, transferred to the Department of the Interior to be held in trust for: (1)

the Zuni Tribe as part of the Zuni Reservation; and (2) the Navajo Nation as part of the Navajo Reservation.

The Senate bill contained no similar provision.

The Senate recesses with an amendment that would limit the term of the utility easements.

Subtitle D—Military Memorials, Monuments, and Museums

Cyber Center for Education and Innovation—Home of the National Cryptological Museum (sec. 2831)

The Senate bill contained a provision (sec. 1673) that would authorize the Secretary of Defense to establish a Cyber Center for Education and Innovation and National Cryptologic Museum at Fort George G. Meade, and to enter into an agreement with a non-profit organization to design, construct, and operate the Center.

The House amendment contained a similar provision (sec. 2851).

The Senate recesses with technical amendment.

Renaming site of the Dayton Aviation Heritage National Historical Park, Ohio (sec. 2832)

The House amendment contained a provision (sec. 2852) that would modify the name of the John W. Berry, Sr. Wright Brothers Aviation Center, Dayton, Ohio, to the John W. Berry, Sr. Wright Brothers National Museum, Dayton, Ohio.

The Senate bill contained no similar provision.

The Senate recesses.

Women's military service memorials and museums (sec. 2833)

The Senate bill contained a provision (sec. 340) that would provide permissive authority to the Secretary of Defense to enter into a contract, or contracts, valued at no more than \$5,000,000, with a non-profit organization for the acquisition, installation, and maintenance of exhibits, facilities, historical displays, and programs at military service memorials and museums that highlight the role of women in the military.

The House amendment contained a similar provision (sec. 2853).

The House recesses.

The conferees note the important role of women in the military history of the United States and directs the Secretary of Defense to notify the congressional defense committees upon funding being used to honor the service and sacrifice of these women.

Petersburg National Battlefield boundary modification (sec. 2834)

The House amendment contained a provision (sec. 2854) that would authorize the Secretary of the Interior to acquire the land and interest in land, only from willing sellers and without use of condemnation, to expand the boundary of the Petersburg National Battlefield. This section would also authorize a land swap of approximately 1.170-acres between the Secretary of the Interior and the Secretary of the Army.

The Senate bill contained no similar provision.

The Senate recesses with a technical amendment.

Subtitle E—Designations and Other Matters

Designation of portion of Moffett Federal Airfield, California, as Moffett Air National Guard Base (sec. 2841)

The House amendment contained a provision (sec. 2861) that would designate the 111-acre cantonment area at Moffett Federal Airfield, California, utilized by the California Air National Guard as “Moffett Air National Guard Base.”

The Senate bill contained no similar provision.

The Senate recesses.

Redesignation of Mike O’Callaghan Federal Medical Center (sec. 2842)

The House amendment contained a provision (sec. 2862) that would rename the Mike O’Callaghan Federal Medical Center to the Mike O’Callaghan Military Medical Center by amending the Military Construction Authorization Act for Fiscal Year 1997 (division B of Public Law 104–201), as amended by section 8135(a) of the Department of Defense Appropriations Act, 1997 (section 101(b) of division A of the Omnibus Consolidated Appropriations Act, 1997 (Public Law 104–208), and as amended by section 2862 of the Military Construction Authorization Act for Fiscal Year 2012 (division B of Public Law 112–81).

The Senate bill contained no similar provision.

The Senate recesses.

Replenishment of Sierra Vista subwatershed regional aquifer, Arizona (sec. 2843)

The Senate bill contained a provision that would allow the Secretary of the Army or the Secretary of the Interior to enter into a cooperative agreement with the Cochise Conservation Recharge Network, Arizona, in support of efforts to replenish the regional aquifer identified under Section 321(g) of the National Defense Authorization Act for Fiscal Year 2004 (Public Law 108–136).

The House amendment contained no similar provision.

The House recesses.

Limited exceptions to restriction on development of public infrastructure in connection with realignment of Marine Corps forces in Asia-Pacific region (sec. 2844)

The House amendment contained a provision (sec. 2821) that would amend restrictions placed on the development of civilian infrastructure on Guam to support the realignment of Marine Corps Forces in the Asia-Pacific region to allow the use of funds for infrastructure projects that are identified in the report of the Economic Adjustment Committee required by section 2822(d) of the National Defense Authorization Act for Fiscal Year 2014 (Public Law 113–66).

The Senate bill contained no similar provision.

The Senate recesses with an amendment that would lift the restriction for the cultural repository facility where artifacts discovered during military construction projects would be stored.

Permanent withdrawal or transfer of administrative jurisdiction of public land, Naval Air Weapons Station China Lake, California (sec. 2845)

The House amendment contained a provision (sec. 2842) that would amend section 2979 of the Military Construction Authorization Act for Fiscal Year 2014 (division B of Public Law 113-66) to make permanent or authorize transfer of administrative jurisdiction of the public land withdrawal for Naval Air Weapons China Lake, California.

The Senate bill contained no similar provision.

The Senate recesses with an amendment that would provide for a 50 year withdrawal of the land.

LEGISLATIVE PROVISIONS NOT ADOPTED

Sense of Congress on maximizing number of veterans employed on military construction projects

The House amendment contained a provision (sec. 2807) that would express the sense of Congress that the Department of Defense should seek ways to employ veterans on military construction projects.

The Senate bill contained no similar provision.

The House recesses.

Authority of the Secretary concerned to accept lessee improvements at Government-owned/contractor-operated industrial plants or facilities

The Senate bill contained a provision (sec. 2812) that would amend section 2535 of title 10, United States Code, to allow a service secretary to accept facility improvements of the leased plant or facility if necessary for the development or production of military weapon systems, munitions, components, or supplies. Upon completion of the improvement the Department of Defense would assume ownership.

The House amendment contained no similar provision.

The Senate recesses.

Treatment of insured depository institutions operating on land leased from military installations

The Senate bill contained a provision (sec. 2813) that would amend section 2667 of title 10, United States Code, to authorize the Secretary concerned to treat all Federal or State chartered insured depository institutions to be treated equally with regard to certain financial arrangements.

The House amendment contained no similar provision.

The Senate recesses.

Sense of Congress regarding need to consult with State and local officials prior to acquisitions of real property

The House amendment contained a provision (sec. 2814) that would express the sense of Congress regarding the need for the Department of Defense to consult with state and local officials prior to acquisitions of real property.

The Senate bill contained no similar provision.

The House recesses.

Improved process for disposal of Department of Defense surplus real property located overseas

The House amendment contained a provision (sec. 2817) that would amend section 2687a of title 10, United States Code, to require the Secretary of Defense to establish a process for foreign governments to petition to transfer surplus real estate property in the foreign country.

The Senate bill contained no similar provision.

The House recesses.

Prohibition on transfer of administrative jurisdiction, portion of Organ Mountains Area, Fillmore Canyon, New Mexico

The House amendment contained a provision (sec. 2839B) that would prohibit the Secretary of Defense from transferring the administrative jurisdiction over the parcel of Federal land depicted as “Parcel D” on the map entitled “Organ Mountains Area—Fillmore Canyon” and dated April 19, 2016 from the Department of Defense to the Secretary of the Interior.

The Senate bill contained no similar provision.

The House recesses.

Bureau of Land Management withdrawn military lands under Military Lands Withdrawal Act of 1999

The House amendment contained a provision (sec. 2841) that would extend the public lands withdrawn for military purposes listed in the Military Lands Withdrawal Act of 1999 (title 30 of Public Law 106–65) until the Secretary of a military department determines a military purpose does not exist, or the Secretary of Interior permanently transfers the administrative jurisdiction to the Secretary of the military department concerned.

The Senate bill contained no similar provision.

The House recesses.

Certification of optimal location for 4th and 5th generation combat aircraft basing and for rotation of forces at Naval Air Station El Centro or Marine Corps Air Station Kaneohe Bay

The Senate bill contained a provision (sec. 2851) that would prohibit the expenditure of any funds for the construction of hangars, housing, maintenance or related facilities to support any current or future F/A–18 or F–35 squadrons at Naval Air Station Lemoore until an analysis of operational requirements confirms that Naval Air Station Lemoore is the optimal location for those squadrons.

The House amendment contained no similar provision.

The Senate recesses.

Amendments to the National Historic Preservation Act

The House amendment contained a provision (sec. 2855) that would prohibit the designation of Federal property as a National Historic Landmark or for nomination to the World Heritage List if the head of the agency managing the Federal property objects to such inclusion or designation for reasons of national security. This

section would also authorize the expedited removal of Federal property listed on the National Register of Historic Places if the managing agency of that Federal property submits a request to the Secretary of Interior for such removal for reasons of national security.

The Senate bill contained no similar provision.

The House recedes.

Recognition of the National Museum of World War II Aviation

The House amendment contained a provision (sec. 2856) that would require a certification by the Secretary of the Air Force, Secretary of the Navy, and Secretary of the Army to allow recognition of the National Museum of World War II Aviation in Colorado Springs, Colorado, as America's National World War II Aviation Museum.

The Senate bill contained no similar provision.

The House recedes.

Battleship preservation grant program

The House amendment contained a provision (sec. 2857) that would create a grant program for the Department of the Interior for the preservation of United States' most historic battleships.

The Senate bill contained no similar provision.

The House recedes.

Implementation of lesser prairie-chicken range-wide conservation plan and other conservation measures

The House amendment contained a provision (sec. 2865) that would prohibit the Secretary of Interior from treating the Lesser Prairie Chicken as a threatened or endangered species under the Endangered Species Act of 1973 before December 31, 2022.

The Senate bill contained no similar provision.

The House recedes.

Transfer of certain items of the Omar Bradley Foundation to the descendants of General Omar Bradley

The House amendment contained a provision (sec. 2863) that would authorize the transfer of certain items of the Omar Bradley estate under the control of the Omar Bradley Foundation to the descendants of General Omar Bradley.

The Senate bill contained no similar provision.

The House recedes.

Protection and recovery of Greater Sage Grouse

The House amendment contained a provision (sec. 2864) would delay any finding by the Secretary of the Interior with respect to the Greater Sage Grouse under clause (i), (ii), or (iii) of section 4(b)(3)(B) of the Endangered Species Act of 1973 (16 U.S.C. 1533(b)(3)(B)) through September 30, 2025. In an effort to foster greater coordination between the States and the Federal Government regarding management plans for the Greater Sage Grouse, this section would prohibit the Secretary of the Interior and the Secretary of Agriculture from amending any Federal resource management plan applicable to Federal lands in a State in which the Governor of the State has notified the Secretaries concerned that

the State has a State management plan in place. Lastly, this section would also require the Secretary of the Interior and the Secretary of Agriculture to jointly submit an annual report to the Committee on Natural Resources of the House of Representatives through 2026 on the effectiveness of the systems to monitor the status of Greater Sage Grouse on Federal lands under their jurisdiction.

The Senate bill contained no similar provision.

The House recesses.

Removal of endangered species status for American burying beetle

The House amendment contained a provision (sec. 2866) would remove the endangered species status for the American Burying Beetle.

The Senate bill contained no similar provision.

The House recesses.

Report on documentation for acquisition of certain properties along Columbia River, Washington, by Corps of Engineers

The House amendment contained a provision (sec. 2867) that would require a report from the Secretary of the Army on the process by which the Corps of Engineers acquired certain properties along the Columbia River in Washington.

The Senate bill contained no similar provision.

The House recesses.

The conferees direct the Secretary of the Army to provide a report to the congressional defense committees by March 1, 2017 on the process by which the Corps of Engineers acquired certain properties along the Columbia River in Washington as described in paragraph (2) of section 501(i) of the Water Resources Development Act of 1996 (Public Law 104-303; 110 Stat. 3752), and shall include in the report the specific legal documentation pursuant to which the properties were acquired.

TITLE XXIX—OVERSEAS CONTINGENCY OPERATIONS MILITARY
CONSTRUCTION

Authorized Navy construction and land acquisition projects (sec. 2901)

The Senate bill contained a provision (sec. 2901) that would authorize Navy and Marine Corps military construction projects for fiscal year 2017 for overseas contingency operations. The authorized amounts are listed on an installation-by-installation basis.

The House amendment contained an identical provision (sec. 2901).

The conference agreement includes this provision.

Authorized Air Force construction and land acquisition projects (sec. 2902)

The Senate bill contained a provision (sec. 2902) that would authorize Air Force military construction projects for fiscal year 2017 for overseas contingency operations. The authorized amounts are listed on an installation-by-installation basis.

The House amendment contained an identical provision (sec. 2902).

The conference agreement includes this provision.

Authorization of appropriations (sec. 2903)

The Senate bill contained a provision (sec. 2903) that would authorize appropriations for military construction for the specified projects in the overseas contingency operations account for fiscal year 2017.

The House amendment contained a similar provision (sec. 2903).

The Senate recesses.

TITLE XXX—UTAH TEST AND TRAINING RANGE AND RELATED MATTERS

Subtitle A—Authorization for Temporary Closure of Certain Public Land Adjacent to the Utah Test and Training Range

Definitions (sec. 3001)

The Senate bill contained a provision (sec. 2832) that would define the terms Exchange Map, Federal Land, Non-Federal Land, Secretary, and State.

The House amendment contained a similar provision (sec. 3001).

The House recesses with a technical edit.

Memorandum of agreement (sec. 3002)

The Senate bill contained a provision (sec. 2833) that would require the Secretary of the Air Force and the Secretary of the Interior to enter into a memorandum of agreement that authorizes the Secretary of the Air Force, in consultation with the Secretary of the Interior, to impose limited closures of specific Bureau of Land Management land for military operations and national security and public safety purposes at the Utah Test and Training Range.

The House amendment contained a similar provision (sec. 3011).

The House recesses with a technical edit.

Temporary closures (sec. 3003)

The Senate bill contained a provision (sec. 2834) that would allow the Secretary of the Air Force, in consultation with the Secretary of the Interior, to determine necessary temporary closures related to the military operations, public safety, or national security.

The House amendment contained a similar provision (sec. 3012).

The House recesses with a technical edit.

Liability (sec. 3004)

The Senate bill contained a provision (sec. 2835) that would hold harmless the United States, including all departments, agencies, officers, and employees and 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 non defense-related activity conduction on BLM Land.

The House amendment contained an identical provision (sec. 3014).

The conference agreement includes this provision.

Community resource advisory group (sec. 3005)

The Senate bill contained a provision (sec. 2836) that would require the establishment of the Utah Test and Training Range Community Relations Advisory Group not later than 90 days after enactment of this Act.

The House amendment contained a similar provision (sec. 3013).

The House recedes with an amendment to change the termination period for the advisory group from 10 to 7 years, and authorize the group, acting jointly with Secretary of Interior, to elect to terminate the group earlier.

Savings clauses (sec. 3006)

The Senate bill contained a provision (sec. 2837) that would outline the limitations of this act on current agreements.

The House amendment contained a similar provision (sec. 3015).

The House recedes.

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

Definitions (sec. 3011)

The Senate bill contained a provision (sec. 2841) that would provide for definitions for BLM Land, Secretary of the Interior, the State of Utah, and the Utah Test and Training Range.

The House amendment contained a similar provision (sec. 3022).

The House recedes with a technical edit.

Exchange of Federal land and non-Federal land (sec. 3012)

The Senate bill contained a provision (sec. 2842) that would outline the manner in which the exchange of federal land and non-federal land would take place.

The House amendment contained a similar provision (sec. 3023).

The House recedes.

Status and management of non-Federal land acquired by the United States (sec. 3013)

The Senate bill contained a provision (sec. 2843) that would stipulate the management of non-federal land acquired by the United States.

The House amendment contained a similar provision (sec. 3024).

The House recedes.

Hazardous substances (sec. 3014)

The Senate bill contained a provision (sec. 2844) that would stipulate the responsible party for any costs related to the cleanup of hazardous materials.

The House amendment contained a similar provision (sec. 3025).

The House recedes with a technical edit.

LEGISLATIVE PROVISIONS NOT ADOPTED

Short title

The Senate bill contained a provision (sec. 2831) that would allow for the section to be cited as the “Utah Test and Training Range Encroachment Prevention and Temporary Closure Act.”

The House amendment contained no similar provision.

The Senate recedes.

Findings and purpose

The House amendment contained a provision (sec. 3021) that would state the key findings and define the purpose for the Land Exchange of certain Federal land and non-Federal land between the United States and the State of Utah.

The Senate bill contained no similar provision.

The House recedes.

Recognition and transfer of certain highway rights-of-way

The House amendment contained a provision (sec. 3031) that would recognize the existence and validity of certain highway rights-of-way and authorize the Secretary with administrative jurisdiction to convey, without consideration, to certain counties and the State of Utah as joint tenants, easements for motorized travel rights-of-way across Federal land for all highways as shown and described in the official transportation maps, but excludes any class D road located within the boundaries of Cedar Mountain Wilderness Area or any wilderness study area designated in law or by administrative action in any of the counties.

The Senate bill contained no similar provision.

The House recedes.

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

TITLE XXXI—DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS

Subtitle A—National Security Programs Authorizations

National Nuclear Security Administration (sec. 3101)

The Senate bill contained a provision (sec. 3101) that would authorize a total of \$12.9 billion for the Department of Energy in fiscal year 2017 for the National Nuclear Security Administration to carry out programs necessary to national security.

The House amendment contained a similar provision (sec. 3101) that would authorize appropriations for the National Nuclear

Security Administration for fiscal year 2017 and would also authorize new plant projects for the National Nuclear Security Administration.

The Senate recesses.

The Department of Energy's (DOE) National Nuclear Security Administration (NNSA) is pursuing a revised strategy for its Chemistry and Metallurgy Research Replacement (CMRR) project after spending \$500.0 million on the design of the original project and cancelling the Nuclear Facility subproject in 2014. The revised project, which is now broken down into 4 subprojects, includes renovating two existing facilities, the RLUOB and the PF-4 facility, at NNSA's Los Alamos site and installing plutonium research equipment in those facilities to support NNSA's plutonium pit production and defense plutonium work in the near term. NNSA is also studying the possibility that, in the future, it may need to expand the capacity for plutonium chemistry and research beyond that provided by the 4 subprojects. In addition, NNSA is looking at a modular approach of constructing one or more identical buildings to support future plutonium pit manufacturing requirements beyond what can be currently produced in PF-4. In accordance with DOE Order 413.3B and the Secretary's guidance on project management, NNSA is currently conducting an analysis of alternatives for the proposed modular approach.

The conferees are pleased that NNSA has adopted a strategy that maximizes the space within existing facilities to the greatest extent practicable while continuing to examine options to support future work. However, while the conferees recognize the complexity and importance of the CMRR project and defense-related plutonium activities in general, the conferees remain concerned that NNSA has not adequately estimated the cost and schedule, nor properly specified project requirements, for either the CMRR project or the proposed modular approach to ensure that the two projects together will provide the capabilities needed to support NNSA's plutonium strategy, including legislatively directed pit production levels.

To enable the conferees to monitor any future cost increases and schedule delays associated with these projects, the conferees direct NNSA to brief the congressional defense committees, no later than October 1, 2017, on the status of its actions taken to address the recommendations contained within a recent Government Accountability Office report numbered GAO-16-585 and titled "DOE Project Management: NNSA Needs to Clarify Requirements for Its Plutonium Analysis Project at Los Alamos". This briefing should be accompanied by a written briefing document.

This briefing should clarify the relationship between the requirements for the CMRR project and the proposed modular approach and NNSA's plutonium strategy. The briefing should identify any gaps between the capabilities these projects will deliver and the requirements of the plutonium strategy and provide information on NNSA plans to address any such gaps. The briefing should also address the degree to which these projects can provide plutonium capabilities to support other DOE activities outside of the Office of Defense Programs. Finally, the briefing should provide an update on the analysis of alternatives for the proposed modular

approach, including the specific requirements identified, the analysis conducted for each alternative identified, and the proposed path forward, if known.

Defense environmental cleanup (sec. 3102)

The Senate bill contained a provision (sec. 3102) that would authorize appropriations for defense environmental cleanup activities for fiscal year 2017.

The House amendment contained a similar provision (sec. 3102).

The Senate recesses.

Other defense activities (sec. 3103)

The Senate bill contained a provision (sec. 3103) that would authorize appropriations for other defense activities for the Department of Energy for fiscal year 2017.

The House amendment contained an identical provision (sec. 3103).

The conference agreement includes this provision.

Nuclear energy (sec. 3104)

The Senate bill contained a provision (sec. 3104) that would authorize appropriations for certain nuclear energy programs for the Department of Energy for fiscal year 2017.

The House amendment contained an identical provision (sec. 3104).

The conference agreement includes this provision.

Subtitle B—Program Authorizations, Restrictions, and Limitations

Independent acquisition project reviews of capital assets acquisition projects (sec. 3111)

The House amendment contained a provision (sec. 3111) that would ensure that an independent entity conducts reviews of each capital asset acquisition project as the project moves toward the approval of each critical decision, 0, 1 and 2 in the acquisition process.

The Senate bill contained no similar provision.

The Senate recesses.

Protection of certain nuclear facilities and assets from unmanned aircraft (sec. 3112)

The House amendment contained a provision (sec. 3119C) that would authorize the Secretary of Energy to take actions that are necessary to mitigate the threat of an unmanned aircraft system or unmanned aircraft that poses an imminent threat to the safety or security of a covered facility or asset that is identified by the Secretary of Energy, is located in the United States, and is owned by the United States, or contracted to the United States, to store or use special nuclear material.

The Senate bill contained no similar provision.

The Senate recesses with an amendment that would authorize the Secretary, notwithstanding title 18 of the United States Code, to take actions 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. The amendment would also clarify the actions that would be authorized.

Common financial reporting system for the nuclear security enterprise (sec. 3113)

The Senate Bill contained a provision (sec. 3111) that would require the Administrator of the National Nuclear Security Administration (NNSA) to complete implementation of a common financial system for the nuclear security enterprise no later than 3 years after the date of enactment of this Act.

The House amendment contained no similar provision. The House recedes with an amendment that would adjust the timeline for implementation to four years; require the Administrator to work in consultation with NNSA Council; clarify that implementation of a common system should be to the extent practicable; that such system should be for common financial reporting system rather than a common financial system; while leveraging CAPE where appropriate; and ensure the reports required on progress of implementation include discussion of benefits, costs and challenges related to implementation.

The conferees note that the intention of this provision is not to enforce a single financial accounting system upon the various management and operating contractors of the nuclear security enterprise. Instead, this provision seeks, to the extent practicable, commonality and consistency in the way the contractors report data up to NNSA to better enable NNSA to manage and track programs across the enterprise.

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

The Senate bill contained a provision (sec. 3121) that would require Department of Energy's Office of Environmental Management to provide a rough order-of-magnitude estimate of the total lifecycle cost of the Waste Treatment and Immobilization Plant (WTP) project and tank waste management and treatment operations.

The House amendment contained no similar provision.

The House recedes with an amendment that would make technical corrections to the life cycle cost estimation dates as well as changing life-cycle cost to a rough estimation of life cycle cost.

Annual certification of shipments to Waste Isolation Pilot Plant (sec. 3115)

The House amendment contained a provision (sec. 3119) that would require the Secretary of Energy to certify to the congressional defense committees that the covered contractors are aware of the contents of each container shipped to the Waste Isolation Pilot Plant and that the Administrator is aware of the contents of each container shipped to the Waste Isolation Pilot Plant.

The Senate bill contained no similar provision.

The Senate recedes with an amendment that would make technical corrections. The conferees note that the certification includes the WIPP Waste Acceptance Criteria as well as pertinent regulatory requirements for transportation, which are consistent with Waste Isolation Pilot Plant Land Withdrawal Act, P.L. 102-579, as amended.

Disposition of weapons-usable plutonium (sec. 3116)

The Senate bill contained a provision (sec. 3114) that would require the Secretary of Energy to enter into an arrangement with the Chief of Engineers to act as an owner's agent for the Secretary with respect to the MOX facility. The Chief would assess the MOX facility contract and report to the Secretary on recommended contract changes to reduce risk and cost to the Department of Energy.

The House amendment contained a provision (sec. 3113) that would direct the Secretary of Energy to carry out construction and project support activities relating to the MOX facility. The Secretary would be able to waive this requirement if certain conditions are satisfied.

The House recedes with an amendment that makes certain technical and conforming amendments to the Senate provision and that directs the Secretary of Energy to carry out construction and project support activities relating to the MOX facility.

Design basis threat (sec. 3117)

The House amendment contained a provision (sec. 3114) that would require the Secretary of Energy to update Department of Energy Order 470.3 billion 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.

The Senate bill contained no similar provision.

The Senate recedes with an amendment that would modify the due date to 30 days after the date of enactment of this act.

Industry best practices in operations at National Nuclear Security Administration facilities and sites (sec. 3118)

The Senate bill contained a provision (sec. 3112) that would require the National Nuclear Security Administration to review how to implement industry best practices at its sites consistent with maintaining or reducing risks and preserving and protecting health, safety, and security.

The House amendment contained no similar provision.

The House recedes with an amendment that would include improving mission performance and effectiveness in the purposes of the committee established by this section; modify the termination date for the committee to 2021; and make other technical conforming changes. The conferees note that industry best practices may not always be applicable, especially in the case of high-hazard and nuclear operations, and do not intend any changes that would reduce or undermine health, safety or security at National Nuclear Security Administration sites.

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

The Senate bill contained a provision (sec. 3115) that would remove the overhead burden on National Nuclear Security Administration (NNSA) laboratories for Laboratory Directed Research and Development (LDRD).

The House amendment contained a similar provision (sec. 3119B) that would express the Sense of Congress that the Secretary of Energy should ensure that each laboratory operating contractor or plant or site manager of a NNSA facility adopt generally accepted and consistent accounting practices for laboratory, plant, or site directed research and development.

The House recedes with an amendment that would create a 3-year pilot program for the exemption of LDRD at national security laboratories from overhead changes and require the Administrator to submit a report to the congressional defense committees before the end of the pilot program that assesses the costs, benefits, risks, and other effects of the pilot program.

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

The House amendment contained a provision (sec. 3112) that would prohibit authorized funds to be appropriated for the Department of Energy to plan or carry out research and development of an advanced naval nuclear fuel system based on low-enriched uranium.

The Senate bill contained no similar provision.

The Senate recedes with an amendment that makes technical and conforming changes.

Increase in certain limitations applicable to funds for conceptual and construction design of the Department of Energy (sec. 3121)

The Senate bill contained a provision (sec. 3116) that would update older statutory ceilings for construction design that require authorization.

The House amendment contained no similar provision.

The House recedes.

Prohibition on availability of funds for programs in Russian Federation (sec. 3122)

The House amendment contained a provision (sec. 3115) that would prohibit funding to enter into a contract with, or otherwise provide assistance to, the Russian Federation.

The Senate bill contained no similar provision.

The Senate recedes with an amendment that would adjust the Secretary of Energy waiver for urgent circumstances and include an exception for not more than \$3.0 million that may be spent on the Department of Energy's Russian Health Study Program.

Limitation on availability of funds for Federal salaries and expenses (sec. 3123)

The House amendment contained a provision (sec. 3116) that would require not more than 90 percent of the National Nuclear

Security Administration defense related Federal salaries 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 an updated plan on the designing and building of prototypes of nuclear weapons, and a description of the determination of the Secretary with respect to the manner in which the designing and building of prototypes of nuclear weapons is carried out under such an updated plan.

The Senate bill contained no similar provision.

The Senate recesses with an amendment containing technical conforming changes as well as clarifying the definition of congressional intelligence committees.

Limitation on availability of funds for defense environmental cleanup program direction (sec. 3124)

The House amendment contained a provision (sec. 3117) that would require no more than 90 percent of funds authorized to be appropriated for defense environmental cleanup for program direction may be expended until the Secretary of Energy submits to Congress the future-years defense environmental cleanup plan.

The Senate bill contained no similar provision.

The Senate recesses.

Limitation on availability of funds for acceleration of nuclear weapons dismantlement (sec. 3125)

The Senate bill contained a provision (sec. 3113) that would limit the rate at which the National Nuclear Security Agency is authorized to dismantle weapons to the schedule and funding profile put forth in the fiscal year 2016 stockpile stewardship and management plan but which provided for an exception if the budget request included a certain amount of funding for nuclear weapons modernization.

The House amendment contained a similar provision (sec. 3118) that would limit funding to be obligated or expended in fiscal years 2017 to 2021 to carry out the nuclear weapons dismantlement and disposition activities of the National Nuclear Security Administration.

The Senate recesses with an amendment that would strike the prohibition on the dismantlement of the W84 warhead.

Subtitle C—Plans and Reports

Independent assessment of technology development under defense environmental cleanup program (sec. 3131)

The House amendment contained a provision (sec. 3124) that would require the Secretary of Energy, in association with the National Academy of Sciences, to conduct an independent assessment of the technology development efforts of the defense environmental cleanup program at the Department of Energy.

The Senate bill contained no similar provision.

The Senate recesses with an amendment that would change the due date of the assessment to 18 months after the date of enactment.

Updated plan for verification and monitoring of proliferation of nuclear weapons and fissile material (sec. 3132)

The House amendment contained a provision (sec. 3125) that would require the President to submit 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.

The Senate bill contained no similar provision.

The Senate recesses.

Report on the use of highly-enriched uranium for naval reactors (sec. 3133)

The House amendment contained a provision (sec. 3126) that would require the Secretary of Defense, the Secretary of Energy, and the Secretary of State to provide a briefing to the appropriate congressional committees on the feasibility and potential benefits of a dialogue between the United States and France on the use of low-enriched uranium in naval reactors.

The Senate bill contained no similar provision.

The Senate recesses with an amendment that would require a report by the Director of National Intelligence on various matters related to the impact of using low-enriched uranium in naval reactor fuel. The conferees do not intend this provision to indicate concurrence with all aspects of the proposal contained in the Naval Reactors report dated July 2016, and do not intend to indicate a presumption of whether or how such a program should be implemented. In addition, the conferees note that the Secretary of the Navy and the Secretary of Energy have not yet submitted to the defense committees their determination as to whether the United States should continue to pursue such a program.

Analysis of approaches for supplemental treatment of low-activity waste at Hanford Nuclear Reservation (sec. 3134)

The Senate bill contained a provision (sec. 3122) that would require the Secretary of Energy to enter into an agreement with a federally funded research and development center (FFRDC) to conduct an analysis of supplemental waste treatment options at the Hanford site.

The House amendment contained no similar provision.

The House recesses with an amendment that would require the review of the National Academies of Science, Engineering, and Medicine to provide an opportunity for public comment, with sufficient notice, to inform and improve the quality of the review. In addition, the briefings on progress to be made to the congressional defense committees every 180 days shall terminate upon submission of the materials required in subsection (f) paragraph (2). The National Academies shall provide to the State of Washington both the analysis and the review in draft form, with an opportunity to comment on them for a period of not less than 60 days, and comments of the State of Washington shall be included in the Secretary’s submission to the congressional defense committees of the analysis, review, and Secretary’s comments. This section shall not conflict with or impair the obligation of the Secretary to comply with the amend-

ed consent decree in *Washington v. Moniz*, No. 2:08–CV–5085–RMP (E.D. Wash.) or the Hanford Federal Facility Agreement and Consent Order, nor shall this section 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.) and any corresponding State law. The amendment removes the requirement of a specific analytical approach. However, the conferees note that section 3161 of the National Defense Authorization Act for Fiscal Year 2013 (Public Law 112–239) directs the use of national international standards and nuclear industry best practices, including probabilistic or quantitative risk assessment if sufficient data exist, while maintaining adequate health and safety protection, at facilities of the Office of Environmental Management of the Department of Energy. The conferees therefore expect that, to the extent practicable and appropriate, the analysis shall be conducted using state-of-the-art risk assessment practices such as probabilistic risk assessment.

Clarification of annual report and certification on status of security of atomic energy defense facilities (sec. 3135)

The House amendment contained a provision (sec. 3121) that would clarify Section 4506(b)(1)(B) of the Atomic Energy Defense Act that such facilities are secure and that the security measures at such facilities meet the security standards and requirements of the Department of Energy.

The Senate bill contained no similar provision.

The Senate recesses.

Report on service support contracts and authority for appointment of certain personnel (sec. 3136)

The House amendment contained a provision (sec. 3122) that would add to the annual reporting requirements, the cost of the contract and identification of the program or program direction accounts that support the contract.

The Senate bill contained no similar provision.

The Senate recesses with an amendment extending Section 4601(c) of the Atomic Energy Defense Act (50 U.S.C.(c)(1)) from September 30, 2016 to September 30, 2020.

Elimination of certain reporting requirements (sec. 3137)

The Senate bill contained a provision (sec. 3125 and 3124) that would repeal a reporting requirement by the Comptroller General as the underlying program has been terminated and eliminate duplicate reviews of the National Nuclear Security Administration's budget.

The House amendment contained a similar provision (sec. 3123).

The House recesses with an amendment that would combine the repeals described in Senate bill sections 3124 and 3125 with the House amendment section 3123; add a subsection (d) that would modify the requirement for a briefing on additive manufacturing technologies contained in section 3139(c) of the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114–92) and make certain technical and conforming changes.

Report on United States nuclear deterrence (sec. 3138)

The House amendment contained a provision (sec. 3119A) that would limit funds for the Department of Energy and require the Secretary of Energy to submit to the appropriate congressional committees the report entitled “U.S. Nuclear Deterrence in the Coming Decades” no later than 15 days after the date of enactment.

The Senate bill contained no similar provision.

The Senate recedes with an amendment that would drop the fence on funding and add that the Secretary may state his views in the cover letter to the report.

LEGISLATIVE PROVISIONS NOT ADOPTED

Analyses of options for disposal of high-level radioactive waste

The Senate bill contained a provision (sec. 3123) that would require the Secretary of Energy to enter into an arrangement with a federally funded research and development center to conduct analyses of options referenced in the Department’s October 2014 report. These analyses shall include comprehensive system life cycle cost and schedule estimates conducted using Government Accountability Office (GAO) best practices and covering all phases of work, from site selection and characterization to site closure and monitoring.

The House amendment contained no similar provision.

The Senate recedes, the provision was not adopted.

TITLE XXXII—DEFENSE NUCLEAR FACILITIES SAFETY BOARD

Authorization (sec. 3201)

The Senate bill contained a provision (sec. 3201) that would authorize funding for the Defense Facilities Nuclear Safety Board at \$31.0 million consistent with the budget request.

The House amendment contained an identical provision (sec. 3201).

The conference agreement includes this provision.

TITLE XXXIII—FEDERAL AVIATION ADMINISTRATION THIRD CLASS
MEDICAL REFORM AND GENERAL AVIATION PILOT PROTECTIONS

LEGISLATIVE PROVISIONS NOT ADOPTED

Pilot’s Bill of Rights 2

The Senate bill contained a series of provisions (sec. 3301, 3302, 3303, 3304, 3305, 3306, and 3307) that would establish Federal Aviation Administration third class medical reform and general aviation pilot protections, “The Pilots Bill of Rights 2”.

The House amendment contained no similar provisions.

The Senate recedes on these provisions.

TITLE XXXIV—NAVAL PETROLEUM RESERVES

Authorization of appropriations (sec. 3401)

The House amendment contained a provision (sec. 3401) that would authorize \$14,950,000 for fiscal year 2017 for operation and maintenance of the Naval Petroleum Reserves.

The Senate bill contained no similar provision.
The Senate recesses.

TITLE XXXV—MARITIME MATTERS

SUBTITLE A—MARITIME ADMINISTRATION, COAST GUARD, AND SHIPPING MATTERS

Authorization of the Maritime Administration (sec. 3501)

The House amendment contained a provision (sec. 3501) that would authorize appropriations for the national security aspects of the merchant marine for fiscal year 2017.

The Maritime Administration Authorization and Enhancement Act for Fiscal Year 2017 (S. 2829) contained a similar provision (sec. 101).

The Senate recesses with an amendment that would include greater specificity within program authorizations and authorize funding for the National Security Multi-Mission Vessel.

Authority to extend certain age restrictions relating to vessels in the Maritime Security Fleet (sec. 3502)

The House amendment contained a provision (sec. 3503) that would amend section 53102 of title 46, United States Code, to provide authority to the Secretary of Defense, in conjunction with the Secretary of Transportation, to extend the age restriction for vessels in the Maritime Security Fleet by five years if the Secretaries jointly determine it is in the national interest to do so.

The Maritime Administration Authorization and Enhancement Act for Fiscal Year 2017 (S. 2829) contained a similar provision (sec. 304).

The Senate recesses.

Corrections to provisions enacted by Coast Guard Authorization Acts (sec. 3503)

The House amendment contained a provision (sec. 3504) that would make technical and conforming corrections to provisions of the Coast Guard Authorization Act of 2015 (Public Law 114–120).

The Maritime Administration Authorization and Enhancement Act for Fiscal Year 2017 (S. 2829) contained a similar provision (sec. 503).

The Senate recesses with a technical amendment.

Status of National Defense Reserve Fleet vessels (sec. 3504)

The House amendment contained a provision (sec. 3505) that would clarify that National Defense Reserve Fleet (NDRF) vessels, including the U.S. Maritime Administration's training vessels, are public vessels of the United States. This provision would also clarify that a NDRF vessel remains a "vessel" within the meaning of

section 3 of title 1, United States Code, until it is delivered to a dismantling facility.

The Maritime Administration Authorization and Enhancement Act for Fiscal Year 2017 (S. 2829) contained a similar provision (sec. 301).

The Senate recedes.

NDRF National Security Multi-Mission Vessel (sec. 3505)

The House amendment contained a provision (sec. 3506) that would authorize the Maritime Administrator to enter into a contract for a National Security Multi-Mission Vessel. The provision would also require the Maritime Administrator to enter into a contract or agreement with the Secretary of the Navy under which the Navy would serve as the general agent for the Maritime Administration for the purposes of the construction of the ship.

The Senate bill and Maritime Administration Authorization and Enhancement Act for Fiscal Year 2017 (S. 2829) contained no similar provision.

The Senate recedes with an amendment that would require the Secretary of Transportation, in consultation with the Chief of Naval Operations and the Commandant of the Coast Guard, to ensure the Maritime Administrator has completed the design of the National Security Multi-Mission Vessel that will allow for the start of construction in fiscal year 2018. The amendment would also require the Maritime Administrator to provide for an entity other than the Maritime Administration to contract for the construction of the vessel. The conferees believe that the Maritime Administrator should leverage the ship construction expertise of the Department of the Navy, the Coast Guard or a commercial operator when contracting for the construction of the vessel.

The conferees direct the Maritime Administrator to submit to the Committees on Armed Services of the House and Senate, the Committee on Commerce, Science and Transportation of the Senate, and the Committee on Transportation and Infrastructure of the House the acquisition strategy for the National Security Multi-Mission Vessel concurrent with the budget submission in which the request for construction funding is included. This acquisition strategy shall address each of the elements described in paragraphs 6.a(1) through 6.a(4) of enclosure 2 to Department of Defense Instruction 5000.02.

Superintendent of United States Merchant Marine Academy (sec. 3506)

The House amendment contained a provision (sec. 3507) that would require the Secretary of Transportation to appoint as Superintendent of U.S. Merchant Marine Academy an individual from the senior ranks of the United States merchant marine, maritime industry, or from the retired list of flag-rank Navy or Coast Guard officers who possess significant merchant marine experience.

The Senate bill and Maritime Administration Authorization and Enhancement Act for Fiscal Year 2017 (S. 2829) contained no similar provision.

The Senate recedes with amendment that would also allow the appointment of an individual who has served at sea and who has

achieved general officer rank in other branches of the Armed Forces or has exemplary educational leadership experience. It also would allow for the selection of the best qualified candidate that may not fully meet all criteria defined in this provision.

Use of National Defense Reserve Fleet scrapping proceeds (sec. 3507)

The House amendment contained a provision (sec. 3508) that would increase the apportionment of National Defense Reserve Fleet (NDRF) scrapping proceeds to the National Maritime Heritage Grant Program.

The Maritime Administration Authorization and Enhancement Act for Fiscal Year 2017 (S. 2829) contained a provision (sec. 308) that would require the U.S. Maritime Administration to submit an annual report to Congress on the management of NDRF scrapping proceeds and the National Heritage Grant Program and conduct a biennial assessment of the vessel disposal program.

The Senate recedes with an amendment that would combine the House and Senate provisions, better align reporting requirements with agency responsibilities, and reserve a portion of the National Maritime Grant Program apportionment for the U.S. Maritime Administration.

Floating dry docks (sec. 3508)

The House amendment contained a provision (sec. 3509) that would amend section 55122 of title 46, United States Code, to exempt certain floating dry docks from limitations imposed by such section 55122.

The Senate bill contained a similar provision (sec. 3502).

The Senate recedes with a technical amendment.

Transportation worker identification credentials for individuals undergoing separation, discharge, or release from the Armed Forces (sec. 3509)

The Senate bill contained a provision (sec. 564) that would require the Secretary of Defense to consult, and enter into a memorandum of understanding, with the Secretary of Homeland Security to afford a priority in the processing of applications for Transportation Worker Identification Credentials (TWIC) by members of the Armed Forces who are undergoing separation, discharge or release from the Armed Forces. The provision would require adjudication of such applications not later than 14 days after the application is submitted, unless an appeal or waiver applies, or if other documentation is required. The priority for separating servicemembers shall commence not later than 180 days after enactment of this Act. The provision also requires a report on the implementation of this provision one year after enactment of this Act.

The House amendment contained a provision (sec. 3510) that would amend section 70105 of title 46, United States Code, to require the Secretary of Homeland Security to provide priority processing of applications from, and to issue TWIC for members of the Armed Forces who are undergoing separation, discharge or release from the Armed forces. The provision would require adjudication of such applications by such transitioning members of the Armed Forces not later than 13 days after the application is submitted,

unless an appeal or waiver applies, or if other documentation is required.

The Senate recedes with an amendment that would require adjudication of applications not later than 30 days after the application is submitted, unless an appeal or waiver applies, or if other documentation is required. The processing deadline would apply to applications for TWIC submitted after the end of the 180 day period beginning on the date of enactment of this Act. The amendment requires the Secretary of Homeland Defense and the Secretary of Defense to enter into a memorandum of understanding within 180 days after the date of enactment of this Act regarding the submission and processing of applications for TWIC by transitioning service members. The amendment also requires a report on the implementation of this provision one year after enactment of this Act.

Actions to address sexual harassment and sexual assault at the United States Merchant Marine Academy (sec. 3510)

The Maritime Administration Authorization and Enhancement Act for Fiscal Year 2017 (S. 2829) contained a provision (sec. 201) that would set minimum training requirements and comprehensive policies for sexual harassment and sexual assault prevention and response at the United States Merchant Marine Academy. The provision would also expand existing requirements for an annual assessment of sexual assault and harassment policies to include a biennial focus group.

The House amendment contained no similar provision.

The House recedes with an amendment that would add confidentiality procedures to the comprehensive policy requirement.

Sexual assault response coordinators and sexual assault victim advocates (sec. 3511)

The Maritime Administration Authorization and Enhancement Act for Fiscal Year 2017 (S. 2829) contained a provision (sec. 202) that would require the U.S. Merchant Marine Academy to employ or contract with at least one full-time sexual assault response coordinator, maintain a program for volunteer sexual assault victim advocates, and maintain a 24-hour hotline through which a victim of a sexual assault can receive victim support services.

The House amendment contained no similar provision.

The House recedes with an amendment that would clarify a victim's discretion in selecting a victim advocate and make a conforming change concerning confidentiality requirements.

Report from the Department of Transportation Inspector General (sec. 3512)

The Maritime Administration Authorization and Enhancement Act for Fiscal Year 2017 (S. 2829) contained a provision (sec. 203) that would require the Department of Transportation Inspector General to submit a report to Congress that describes the effectiveness of the sexual harassment and sexual assault prevention and response program at the U.S. Merchant Marine Academy.

The House amendment contained no similar provision.

The House recedes with a technical amendment.

Sexual assault prevention and response working group (sec. 3513)

The Maritime Administration Authorization and Enhancement Act for Fiscal Year 2017 (S. 2829) contained a provision (sec. 204) that would require the Maritime Administrator to convene a working group to examine methods to improve the prevention of, and response to, any sexual harassment or sexual assault that occurs during a cadet's Sea Year experience with the U.S. Merchant Marine Academy. This provision would require the working group to submit a report containing actionable recommendations to Congress.

The House amendment contained no similar provision.

The House recedes with amendment that would make technical changes and would separate as a new section a requirement that the Maritime Administrator establish certain criteria for vessel operators to participate in U.S. Merchant Marine Academy Sea Year program.

Sea Year compliance (sec. 3514)

The Maritime Administration Authorization and Enhancement Act for Fiscal Year 2017 (S. 2829) contained a provision (sec. 204) that would require the Maritime Administrator to convene a working group to examine methods to improve the prevention of, and response to, any sexual harassment or sexual assault that occurs during a cadet's Sea Year experience with the U.S. Merchant Marine Academy. This provision would require the working group to submit a report containing actionable recommendations to Congress.

The House amendment contained no similar provision.

The House recedes with an amendment that would create a new section to require that the Maritime Administrator establish certain criteria for vessel operators to participate in U.S. Merchant Marine Academy Sea Year program. This provision is the new section.

State maritime academy physical standards and reporting (sec. 3515)

The Maritime Administration Authorization and Enhancement Act for Fiscal Year 2017 (S. 2829) contained a provision (sec. 303) that would require any individual enrolled at a State maritime academy in a merchant marine officer program to meet, throughout enrollment at the academy, the medical and physical requirements required to obtain a mariner's license or merchant mariner documentation.

The House amendment contained no similar provision.

The House recedes with a technical amendment.

Appointments (sec. 3516)

The Maritime Administration Authorization and Enhancement Act for Fiscal Year 2017 (S. 2829) contained a provision (sec. 305) that would increase from 40 to 50 the number of potential appointments to the U.S. Merchant Marine Academy for individuals the Secretary considers to be of special value, including factors such as prior military experience and whether the individual is the first in their family to attend college.

The House amendment contained no similar provision.
The House recedes with a technical amendment.

Maritime workforce working group (sec. 3517)

The Maritime Administration Authorization and Enhancement Act for Fiscal Year 2017 (S. 2829) contained a provision (sec. 307) that would require the Secretary of Transportation to convene a working group to assess the pool of citizen mariners necessary to support the United States flag fleet, especially in times of emergency, and report to Congress on the assessment and recommendations for improving the quality of interagency data.

The House amendment contained no similar provision.

The House recedes with an amendment that would add the Committee on Armed Services of the House of Representatives as a report recipient, add the U.S. Navy to the working group, and add a sunset clause.

Maritime extreme weather task force (sec. 3518)

The Maritime Administration Authorization and Enhancement Act for Fiscal Year 2017 (S. 2829) contained a provision (sec. 309) that would require the Secretary of Transportation to create an extreme weather task force to analyze the impact of extreme weather events on the maritime environment and to report to Congress on best practices and recommendations.

The House amendment contained no similar provision.

The House recedes with an amendment that would remove the Federal Maritime Commission from the task force and remove the authorization of appropriations.

Workforce plans and onboarding policies (sec. 3519)

The Maritime Administration Authorization and Enhancement Act for Fiscal Year 2017 (S. 2829) contained a provision (sec. 401) that would require the Maritime Administrator to review and update the U.S. Maritime Administration's workforce and onboarding policies to fully implement competency models for mission-critical occupations, align training programs and systems, and report to Congress on actions taken.

The House amendment contained no similar provision.

The House recedes with amendment that would add the Committee on Armed Services of the House of Representatives as a report recipient.

Drug and alcohol policy (sec. 3520)

The Maritime Administration Authorization and Enhancement Act for Fiscal Year 2017 (S. 2829) contained a provision (sec. 402) that would require the Maritime Administrator to ensure that all fleet managers have received applicable training on the Department of Transportation's drug and alcohol policy, institute a system for tracking all drug and alcohol policy training in a standardized repository, and report to Congress on actions taken.

The House amendment contained no similar provision.

The House recedes with an amendment that would add the Committee on Armed Services of the House of Representatives as a report recipient.

Vessel transfers (sec. 3521)

The Maritime Administration Authorization and Enhancement Act for Fiscal Year 2017 (S. 2829) contained a provision (sec. 403) that would require the Maritime Administrator to submit a report to Congress that describes the policies and procedures for vessel transfer at the U.S. Maritime Administration, including updated Vessel Transfer Office procedures to process vessel transfer applications.

The House amendment contained no similar provision.

The House recedes with an amendment that would add the Committee on Armed Services of the House of Representatives as a report recipient.

Clarifying amendment; continuation boards (sec. 3522)

The Maritime Administration Authorization and Enhancement Act for Fiscal Year 2017 (S. 2829) contained a provision (sec. 501) that would make a clarifying amendment concerning the continuation board convened for the U.S. Coast Guard.

The House amendment contained no similar provision.

The House recedes.

Polar icebreaker recapitalization plan (sec. 3523)

The Maritime Administration Authorization and Enhancement Act for Fiscal Year 2017 (S. 2829) contained a provision (sec. 603) that would require the Secretary of Homeland Security, in consultation with the Secretary of the Navy, to submit to Congress a detailed recapitalization plan that meets the 2013 Department of Homeland Security Mission Need Statement.

The House amendment contained no similar provision.

The House recedes with a technical amendment.

GAO report on icebreaking capability in the United States (sec. 3524)

The Maritime Administration Authorization and Enhancement Act for Fiscal Year 2017 (S. 2829) contained a provision (sec. 604) that would require the Comptroller General to submit a report to Congress on the current state of the United States Federal icebreaking fleet, including analysis of the icebreaking assets and gaps in icebreaking capabilities.

The House amendment contained no similar provision.

The House recedes with amendment that would define the appropriate report recipients and would clarify the applicability of the report to all icebreaking assets.

Subtitle B—Pribilof Islands Transition Completion

Pribilof Islands Transition Completion (secs. 3531–3533)

The Maritime Administration Authorization and Enhancement Act for Fiscal Year 2017 (S. 2829) contained a provision (sec. 504) that would require the U.S. Coast Guard to report to Congress on the Coast Guard's use of certain tracts of land on St. Paul Island, planned use of those tracts of land, and planned use of other facilities on St. Paul Island.

The House amendment contained no similar provision.

The House recedes with an amendment that would make changes to Coast Guard access to certain specified tracts of land.

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

Actions to address sexual harassment at National Oceanic and Atmospheric Administration (sec. 3541)

The Maritime Administration Authorization and Enhancement Act for Fiscal Year 2017 (S. 2829) contained a provision (sec. 711) that would require the Secretary of Commerce to develop a policy on the prevention and response to sexual harassment involving NOAA employees, NOAA Corps members, and all individuals who work with or conduct business on behalf of the Administration. The Administration would also be required to create a process for after-hours reporting and ensure that Equal Employment Opportunity personnel are distributed in each region of operations and at the marine and aviation centers.

The House amendment contained no similar provision.

The House recedes with an amendment that would reduce the number of personnel required to implement this section.

Actions to address sexual assault at National Oceanic and Atmospheric Administration (sec. 3542)

The Maritime Administration Authorization and Enhancement Act for Fiscal Year 2017 (S. 2829) contained a provision (sec. 712) that would require the Secretary of Commerce to develop a policy on the prevention and response to sexual assault involving NOAA employees, NOAA Corps members, and all individuals who work with or conduct business on behalf of the Administration (wage mariners, scientists, students, interns, volunteers, etc.). The Secretary would be required to establish victim advocates and create a process for 24-hour reporting.

The House amendment contained no similar provision.

The House recedes with an amendment that would reduce the number of personnel required to implement this section.

Rights of the victim of a sexual assault (sec. 3543)

The Maritime Administration Authorization and Enhancement Act for Fiscal Year 2017 (S. 2829) contained a provision (sec. 713) that would provide the victim of a sexual assault the right to be reasonably protected from the accused.

The House amendment contained no similar provision.

The House recedes.

Change of station (sec. 3544)

The Maritime Administration Authorization and Enhancement Act for Fiscal Year 2017 (S. 2829) contained a provision (sec. 714) that would require timely consideration of a unit transfer or work location change to accommodate the victim of a sexual assault.

The House amendment contained no similar provision.

The House recedes.

Applicability of policies to crews of vessels secured by National Oceanic and Atmospheric Administration under contract (sec. 3545)

The Maritime Administration Authorization and Enhancement Act for Fiscal Year 2017 (S. 2829) contained a provision (sec. 715) that would require any contract into which the NOAA enters for use of a vessel (ship, small boat, aircraft) to include as a condition that any personnel attached to the vessel are subject to the policies developed under section 711(a) and 712(a) of S. 2829.

The House amendment contained no similar provision.
The House recesses.

Annual report on sexual assaults in the National Oceanic and Atmospheric Administration (sec. 3546)

The Maritime Administration Authorization and Enhancement Act for Fiscal Year 2017 (S. 2829) contained a provision (sec. 716) that would require the Secretary of Commerce to submit an annual report to Congress that includes the number of sexual assaults, a synopsis of each case, and the disciplinary actions taken.

The House amendment contained no similar provision.
The House recesses.

Sexual assault defined (sec. 3547)

The Maritime Administration Authorization and Enhancement Act for Fiscal Year 2017 (S. 2829) contained a provision (sec. 717) that would define the term “sexual assault”.

The House amendment contained no similar provision.
The House recesses.

LEGISLATIVE PROVISIONS NOT ADOPTED

Short title

The Maritime Administration Authorization and Enhancement Act for Fiscal Year 2017 (S. 2829) contained a provision (sec. 1) that would allow the bill to be cited as the “Maritime Administration Authorization and Enhancement Act for Fiscal Year 2017.”

The House amendment contained no similar provision.
The Senate recesses.

Maritime Administration authorization request

The Maritime Administration Authorization and Enhancement Act for Fiscal Year 2017 (S. 2829) contained a provision (sec. 102) that would require the U.S. Maritime Administration to submit an authorization request to Congress within 30 days of the date the President’s budget is submitted to Congress.

The House amendment contained no similar provision.
The Senate recesses.

Port infrastructure development

The Maritime Administration Authorization and Enhancement Act for Fiscal Year 2017 (S. 2829) contained a provision (sec. 302) that would allow the Maritime Administrator to use not more than three percent of port infrastructure development program funds for administrative expenses of the program.

The House amendment contained no similar provision.
The Senate recesses.

High-speed craft classification services

The Maritime Administration Authorization and Enhancement Act for Fiscal Year 2017 (S. 2829) contained a provision (sec. 306) that would allow the Secretary of the Navy to select, under certain conditions, a classification society recognized and authorized by the Secretary to provide a classification for high-speed craft.

The House amendment contained no similar provision.
The Senate recesses.

Short title

The Maritime Administration Authorization and Enhancement Act for Fiscal Year 2017 (S. 2829) contained a provision (sec. 601) that would allow the title to be cited as the “Polar Icebreaker Fleet Recapitalization Transparency Act.”

The House amendment contained no similar provision.
The Senate recesses.

Definitions

The Maritime Administration Authorization and Enhancement Act for Fiscal Year 2017 (S. 2829) contained a provision (sec. 602) that would define certain terms in the “Polar Icebreaker Fleet Recapitalization Transparency Act.”

The House amendment contained no similar provision.
The Senate recesses.

Short title

The Maritime Administration Authorization and Enhancement Act for Fiscal Year 2017 (S. 2829) contained a provision (sec. 701) that would allow the title to be cited as the “National Oceanic and Atmospheric Administration Sexual Harassment and Assault Prevention Act”.

The House amendment contained no similar provision.
The Senate recesses.

Reauthorization of Hydrographic Services Improvement Act of 1998

The Maritime Administration Authorization and Enhancement Act for Fiscal Year 2017 (S. 2829) contained a provision (sec. 771) that would reauthorize the Hydrographic Services Improvement Act of 1998.

The House amendment contained no similar provision.
The Senate recesses.

Maritime Administration

The Senate bill contained a provision (sec. 3501) that would reauthorize certain aspects of the Maritime Administration.

The House amendment contained no similar provision.
The Senate recesses.

Authority to make pro rata annual payments under operating agreements for vessels participating in Maritime Security Fleet

The House amendment contained a provision (sec. 3502) that would amend subsection (d) of section 53106 of title 46, United States Code, to permit the Secretary of Transportation to make a pro rata reduction in the amounts paid to vessel owners or operators under operating agreements under chapter 531 of that title if appropriations are insufficient to make full payment of the amounts authorized and agreed to under subsection (a) of section 53106.

The Senate bill and Maritime Administration Authorization and Enhancement Act for Fiscal Year 2017 (S. 2829) contained no similar provision.

The House recedes.

Application of law

The House amendment contained a provision (sec. 3512) that would amend section 4301 of title 46, United States Code, to deem, for the purposes of any Federal law except the Federal Water Pollution Control Act, any vessel being repaired or dismantled as a recreational vessel if that vessel shares elements of design and construction of traditional recreational vessels and, when operating, is not normally engaged in a military, commercial, or traditionally commercial undertaking.

The Senate bill and Maritime Administration Authorization and Enhancement Act for Fiscal Year 2017 (S. 2829) contained no similar provision.

The House recedes.

Commissioned officer corps of the National Oceanic and Atmospheric Administration

The Maritime Administration Authorization and Enhancement Act for Fiscal Year 2017 (S. 2829) contained a subtitle (subtitle B of title VII) that would provide authorities for the commissioned officer corps of the National Oceanic and Atmospheric Administration.

The House amendment contained no similar provisions.

The Senate recedes.

Ballast water

The House amendment contained a title (title XXXVI) that would enact the Vessel Incident Discharge Act.

The Senate bill and Maritime Administration Authorization and Enhancement Act for Fiscal Year 2017 (S. 2829) contained no similar provisions.

The House recedes.

DIVISION D—FUNDING TABLES

Authorization of amounts in funding tables (sec. 4001)

The Senate bill contained a provision (sec. 4001) that would provide for the allocation of funds among programs, projects, and activities in accordance with the tables in division D of this Act,

subject to reprogramming in accordance with established procedures.

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

The House amendment contained a similar provision (sec. 4001).

The Senate recedes.

SUMMARY OF NATIONAL DEFENSE AUTHORIZATIONS FOR FISCAL YEAR 2017

(In Thousands of Dollars)

	FY 2017 Request	Conference Change	Conference Authorized
DISCRETIONARY AUTHORIZATIONS WITHIN THE JURISDICTION OF THE ARMED SERVICES COMMITTEE			
National Defense Funding, Base Budget Request			
Function 051, Department of Defense-Military			
Division A: Department of Defense Authorizations			
Title I—Procurement			
Aircraft Procurement, Army	3,614,787		3,614,787
Missile Procurement, Army	1,519,966	−9,837	1,510,129
Weapons & Tracked Combat Vehicles, Army	2,265,177	85,900	2,351,077
Procurement of Ammunition, Army	1,513,157	1,646	1,514,803
Other Procurement, Army	5,873,949	−38,285	5,835,664
Aircraft Procurement, Navy	14,109,148	−157,372	13,951,776
Weapons Procurement, Navy	3,209,262	−21,772	3,187,490
Procurement of Ammunition, Navy & Marine Corps	664,368	−7,100	657,268
Shipbuilding & Conversion, Navy	18,354,874	525,696	18,880,570
Other Procurement, Navy	6,338,861	−79,931	6,258,930
Procurement, Marine Corps	1,362,769	−4,325	1,358,444
Aircraft Procurement, Air Force	13,922,917	−87,300	13,835,617
Missile Procurement, Air Force	2,426,621	−10,752	2,415,869
Space Procurement, Air Force	3,055,743	−229,900	2,825,843
Procurement of Ammunition, Air Force	1,677,719	−6,000	1,671,719
Other Procurement, Air Force	17,438,056	−15,300	17,422,756
Procurement, Defense-Wide	4,524,918	355,000	4,879,918
Joint Urgent Operational Needs Fund	99,300	−99,300	0
National Guard & Reserve Equipment		250,000	250,000
Subtotal, Title I—Procurement	101,971,592	451,068	102,422,660
Title II—Research, Development, Test and Evaluation			
Research, Development, Test & Evaluation, Army	7,515,399	13,291	7,528,690
Research, Development, Test & Evaluation, Navy	17,276,301	−197,638	17,078,663
Research, Development, Test & Evaluation, Air Force	28,112,251	−54,650	28,057,601
Research, Development, Test & Evaluation, Defense- Wide	18,308,826	−42,150	18,266,676

SUMMARY OF NATIONAL DEFENSE AUTHORIZATIONS FOR FISCAL YEAR 2017—Continued

(In Thousands of Dollars)

	FY 2017 Request	Conference Change	Conference Authorized
Operational Test & Evaluation, Defense	178,994		178,994
Subtotal, Title II—Research, Development, Test and Evaluation	71,391,771	-281,147	71,110,624
Title III—Operation and Maintenance			
Operation & Maintenance, Army	33,809,040	23,234	33,832,274
Operation & Maintenance, Army Reserve	2,712,331	21,500	2,733,831
Operation & Maintenance, Army National Guard	6,825,370	27,635	6,853,005
Operation & Maintenance, Navy	39,483,581	507,700	39,991,281
Operation & Maintenance, Marine Corps	5,954,258	185,350	6,139,608
Operation & Maintenance, Navy Reserve	927,656	-21,200	906,456
Operation & Maintenance, Marine Corps Reserve	270,633	-100	270,533
Operation & Maintenance, Air Force	37,518,056	-180,400	37,337,656
Operation & Maintenance, Air Force Reserve	3,067,929	-57,000	3,010,929
Operation & Maintenance, Air National Guard	6,703,578	-69,400	6,634,178
Operation & Maintenance, Defense-Wide	32,571,590	115,089	32,686,679
US Court of Appeals for the Armed Forces, Defense ...	14,194		14,194
Overseas Humanitarian, Disaster and Civic Aid	105,125		105,125
Cooperative Threat Reduction	325,604		325,604
Environmental Restoration, Army	170,167		170,167
Environmental Restoration, Navy	281,762		281,762
Environmental Restoration, Air Force	371,521		371,521
Environmental Restoration, Defense	9,009		9,009
Environmental Restoration, Formerly Used Sites	197,084		197,084
Subtotal, Title III—Operation and Maintenance	171,318,488	552,408	171,870,896
Title IV—Military Personnel			
Military Personnel Appropriations	128,902,332	-699,768	128,202,564
Medicare-Eligible Retiree Health Fund Contributions ...	6,366,908		6,366,908
Subtotal, Title IV—Military Personnel	135,269,240	-699,768	134,569,472
Title XIV—Other Authorizations			
Working Capital Fund, Army	56,469		56,469
Working Capital Fund, Air Force	63,967		63,967
Working Capital Fund, Defense-Wide	37,132		37,132
Working Capital Fund, DECA	1,214,045		1,214,045
Chemical Agents & Munitions Destruction	551,023		551,023
Drug Interdiction and Counter Drug Activities	844,800	-125,000	719,800
Office of the Inspector General	322,035		322,035
Defense Health Program	33,467,516	-373,600	33,093,916
Subtotal, Title XIV—Other Authorizations	36,556,987	-498,600	36,058,387
Total, Division A: Department of Defense Authoriza- tions	516,508,078	-476,039	516,032,039
Division B: Military Construction Authorizations			
Military Construction			
Army	503,459	50,500	553,959

SUMMARY OF NATIONAL DEFENSE AUTHORIZATIONS FOR FISCAL YEAR 2017—Continued

(In Thousands of Dollars)

	FY 2017 Request	Conference Change	Conference Authorized
Navy	1,027,763	247,916	1,275,679
Air Force	1,481,058	205,465	1,686,523
Defense-Wide	2,056,091	-30,647	2,025,444
NATO Security Investment Program	177,932		177,932
Army National Guard	232,930	67,500	300,430
Army Reserve	68,230	30,000	98,230
Navy and Marine Corps Reserve	38,597		38,597
Air National Guard	143,957	11,000	154,957
Air Force Reserve	188,950		188,950
Subtotal, Military Construction	5,918,967	581,734	6,500,701
Family Housing			
Construction, Army	200,735	-43,563	157,172
Operation & Maintenance, Army	325,995		325,995
Construction, Navy and Marine Corps	94,011		94,011
Operation & Maintenance, Navy and Marine Corps	300,915		300,915
Construction, Air Force	61,352		61,352
Operation & Maintenance, Air Force	274,429		274,429
Operation & Maintenance, Defense-Wide	59,157		59,157
Improvement Fund	3,258		3,258
Subtotal, Family Housing	1,319,852	-43,563	1,276,289
Base Realignment and Closure			
Base Realignment and Closure—Army	14,499	10,000	24,499
Base Realignment and Closure—Navy	134,373	25,000	159,373
Base Realignment and Closure—Air Force	56,365		56,365
Subtotal, Base Realignment and Closure	205,237	35,000	240,237
Undistributed Adjustments			
Prior Year Savings	0	-307,662	-307,662
Subtotal, Undistributed Adjustments	0	-307,662	-307,662
Total, Division B: Military Construction Authoriza- tions	7,444,056	265,509	7,709,565
Total, 051, Department of Defense-Military	523,952,134	-210,530	523,741,604
Division C: Department of Energy National Security Authorization and Other Authorizations			
Function 053, Atomic Energy Defense Activities			
Environmental and Other Defense Activities			
Nuclear Energy	151,876	-15,260	136,616
Weapons Activities	9,243,147	185,882	9,429,029
Defense Nuclear Nonproliferation	1,807,916	79,000	1,886,916
Naval Reactors	1,420,120	-2,500	1,417,620
Federal salaries and expenses	412,817	-17,300	395,517
Defense Environmental Cleanup	5,382,050	-108,492	5,273,558
Other Defense Activities	791,552	-2,000	789,552

SUMMARY OF NATIONAL DEFENSE AUTHORIZATIONS FOR FISCAL YEAR 2017—Continued

(In Thousands of Dollars)

	FY 2017 Request	Conference Change	Conference Authorized
Subtotal, Environmental and Other Defense Activities	19,209,478	119,330	19,328,808
Independent Federal Agency Authorization			
Defense Nuclear Facilities Safety Board	31,000		31,000
Subtotal, Independent Federal Agency Authorization	31,000	0	31,000
Subtotal, 053, Atomic Energy Defense Activities	19,240,478	119,330	19,359,808
Function 054, Defense-Related Activities			
Other Agency Authorizations			
Maritime Security Program	211,000	88,997	299,997
Subtotal, Independent Federal Agency Authorization	211,000	88,997	299,997
Subtotal, 054, Defense-Related Activities	211,000	88,997	299,997
Subtotal, Division C: Department of Energy National Security Authorization and Other Authorizations ..	19,451,478	208,327	19,659,805
Total, National Defense Funding, Base Budget Request	543,403,612	-2,203	543,401,409

National Defense Funding, Overseas Contingency Operations

National Defense Funding, Overseas Contingency Operations Budget Request

Function 051, Department of Defense-Military

Procurement			
Aircraft Procurement, Army	235,131		235,131
Missile Procurement, Army	529,317		529,317
Weapons & Tracked Combat Vehicles, Army	153,544	144,800	298,344
Procurement of Ammunition, Army	301,523		301,523
Other Procurement, Army	1,309,610		1,309,610
Joint Improvised-Threat Defeat Fund	394,800		394,800
Aircraft Procurement, Navy	358,830		358,830
Weapons Procurement, Navy	8,600		8,600
Procurement of Ammunition, Navy & Marine Corps	66,229		66,229
Other Procurement, Navy	69,877		69,877
Procurement, Marine Corps	118,939		118,939
Aircraft Procurement, Air Force	679,969	-25,600	654,369
Missile Procurement, Air Force	154,845		154,845
Procurement of Ammunition, Air Force	164,408	-9,250	155,158
Other Procurement, Air Force	3,834,165		3,834,165
Procurement, Defense-Wide	234,434	-19,250	215,184
Subtotal, Procurement	8,614,221	90,700	8,704,921

SUMMARY OF NATIONAL DEFENSE AUTHORIZATIONS FOR FISCAL YEAR 2017—Continued

(In Thousands of Dollars)

	FY 2017 Request	Conference Change	Conference Authorized
Research, Development, Test and Evaluation			
Research, Development, Test & Evaluation, Army	239,689		239,689
Research, Development, Test & Evaluation, Navy	40,333		40,333
Research, Development, Test & Evaluation, Air Force	32,905		32,905
Research, Development, Test & Evaluation, Defense- Wide	165,419		165,419
Subtotal, Research, Development, Test and Evalua- tion	478,346	0	478,346
Operation and Maintenance			
Operation & Maintenance, Army	16,658,381	-245,000	16,413,381
Operation & Maintenance, Army Reserve	24,120		24,120
Operation & Maintenance, Army National Guard	66,907		66,907
Afghanistan Security Forces Fund	4,263,215		4,263,215
Iraq Train & Equip Fund	919,500	-919,500	0
Syria Train & Equip Fund	250,000	-250,000	0
Counter-ISIL Fund	0	1,169,500	1,169,500
Operation & Maintenance, Navy	5,441,406		5,441,406
Operation & Maintenance, Marine Corps	1,112,805		1,112,805
Operation & Maintenance, Navy Reserve	26,265		26,265
Operation & Maintenance, Marine Corps Reserve	3,304		3,304
Operation & Maintenance, Air Force	9,757,326	43,542	9,800,868
Operation & Maintenance, Air Force Reserve	57,586		57,586
Operation & Maintenance, Air National Guard	20,000		20,000
Operation & Maintenance, Defense-Wide	6,357,088	760,000	7,117,088
Subtotal, Operation and Maintenance	44,957,903	558,542	45,516,445
Military Personnel			
Military Personnel Appropriations	3,644,161		3,644,161
Subtotal, Military Personnel	3,644,161	0	3,644,161
Other Authorizations			
Working Capital Fund, Army	46,833		46,833
Working Capital Fund, Defense-Wide	93,800		93,800
Drug Interdiction and Counter Drug Activities	191,533		191,533
Office of the Inspector General	22,062		22,062
Defense Health Program	334,311		334,311
Counterterrorism Partnerships Fund	1,000,000	-1,000,000	0
Ukraine Security Assistance		350,000	350,000
Subtotal, Other Authorizations	1,688,539	-650,000	1,038,539
Military Construction			
Army	18,900		18,900
Navy	21,400		21,400
Air Force	88,740	-449	88,291
Defense-Wide	5,000		5,000
Subtotal, Military Construction	134,040	-449	133,591
Subtotal, Overseas Contingency Operations	59,517,210	-1,207	59,516,003

SUMMARY OF NATIONAL DEFENSE AUTHORIZATIONS FOR FISCAL YEAR 2017—Continued

(In Thousands of Dollars)

	FY 2017 Request	Conference Change	Conference Authorized
Subtotal, 051, Department of Defense-Military	59,517,210	-1,207	59,516,003
Total, National Defense Funding, Overseas Contingency Operations Budget Request	59,517,210	-1,207	59,516,003
National Defense Funding, Overseas Contingency Operations Funding for Base Requirements			
Function 051, Department of Defense-Military			
Procurement			
Aircraft Procurement, Army	78,040		78,040
Missile Procurement, Army	150,000	196,100	346,100
Procurement of Ammunition, Army		240,200	240,200
Other Procurement, Army	161,900		161,900
Joint Improvised-Threat Defeat Fund	113,272		113,272
Aircraft Procurement, Navy	34,200		34,200
Weapons Procurement, Navy		117,200	117,200
Procurement of Ammunition, Navy & Marine Corps		77,200	77,200
Other Procurement, Navy	59,329		59,329
Aircraft Procurement, Air Force	179,430		179,430
Missile Procurement, Air Force	184,700		184,700
Procurement of Ammunition, Air Force	323,000		323,000
Procurement, Defense-Wide	4,000		4,000
Subtotal, Procurement	1,287,871	630,700	1,918,571
Research, Development, Test and Evaluation			
Research, Development, Test & Evaluation, Army	33		33
Research, Development, Test & Evaluation, Navy	37,990		37,990
Subtotal, Research, Development, Test and Evaluation	38,023	0	38,023
Operation and Maintenance			
Operation & Maintenance, Army	1,586,475	962,000	2,548,475
Operation & Maintenance, Army Reserve	14,559	95,800	110,359
Operation & Maintenance, Army National Guard	60,128	128,800	188,928
Operation & Maintenance, Navy	1,481,516	26,100	1,507,616
Operation & Maintenance, Marine Corps	300,000	7,200	307,200
Operation & Maintenance, Navy Reserve		500	500
Operation & Maintenance, Marine Corps Reserve		1,000	1,000
Operation & Maintenance, Air Force	124,000	49,100	173,100
Operation & Maintenance, Air Force Reserve		1,600	1,600
Operation & Maintenance, Air National Guard		4,300	4,300
Operation & Maintenance, Defense-Wide	38,044		38,044
Subtotal, Operation and Maintenance	3,604,722	1,276,400	4,881,122
Military Personnel			
Military Personnel Appropriations	62,965	1,287,500	1,350,465
Subtotal, Military Personnel	62,965	1,287,500	1,350,465

SUMMARY OF NATIONAL DEFENSE AUTHORIZATIONS FOR FISCAL YEAR 2017—Continued

(In Thousands of Dollars)

	FY 2017 Request	Conference Change	Conference Authorized
Other Authorizations			
Drug Interdiction and Counter Drug Activities	23,800		23,800
Subtotal, Other Authorizations	23,800	0	23,800
Military Construction			
Navy	38,409		38,409
Subtotal, Military Construction	38,409	0	38,409
Subtotal, 051, Department of Defense-Military	5,055,790	3,194,600	8,250,390
Total, National Defense Funding, Overseas Contingency Operations Funding for Base Requirements	5,055,790	3,194,600	8,250,390
Total, National Defense Funding, Overseas Contingency Operations	64,573,000	3,193,393	67,766,393
Total, National Defense	607,976,612	3,191,190	611,167,802
MEMORANDUM: BASE BUDGET REQUIREMENTS			
Base Funding	543,403,612	-2,203	543,401,409
Overseas Contingency Operations Funding for Base Requirements	5,055,790	3,194,600	8,250,390
Total, Base Budget Requirements	548,459,402	3,192,397	551,651,799
MEMORANDUM: NON-DEFENSE AUTHORIZATIONS			
Title XIV—Armed Forces Retirement Home (Function 600)	64,300		64,300
Title XXXIV—Naval Petroleum and Oil Shale Reserves (Function 270)	14,950		14,950
MEMORANDUM: TRANSFER AUTHORITIES (NON-ADD)			
Title X—General Transfer Authority	[5,000,000]	[-500,000]	[4,500,000]
Title XV—Special Transfer Authority	[4,500,000]	[-1,000,000]	[3,500,000]
MEMORANDUM: DEFENSE AUTHORIZATIONS NOT UNDER THE JURISDICTION OF THE ARMED SERVICES COMMITTEE (NON-ADD)			
Defense Production Act	[44,605]		[44,605]

NATIONAL DEFENSE BUDGET AUTHORITY IMPLICATION

(In Thousands of Dollars)

	FY 2017 Request	Conference Change	Conference Authorized
Summary, Discretionary Authorizations Within the Jurisdiction of the Armed Services Committee			
SUBTOTAL, DEPARTMENT OF DEFENSE (051)	523,952,134	-210,530	523,741,604
SUBTOTAL, ATOMIC ENERGY DEFENSE PROGRAMS (053)	19,240,478	119,330	19,359,808

NATIONAL DEFENSE BUDGET AUTHORITY IMPLICATION

(In Thousands of Dollars)

	FY 2017 Request	Conference Change	Conference Authorized
SUBTOTAL, DEFENSE-RELATED ACTIVITIES (054)	211,000	88,997	299,997
TOTAL, NATIONAL DEFENSE (050)—BASE BILL	543,403,612	-2,203	543,401,409
TOTAL, OVERSEAS CONTINGENCY OPERATIONS	64,573,000	3,193,393	67,766,393
GRAND TOTAL, NATIONAL DEFENSE	607,976,612	3,191,190	611,167,802

**Base National Defense Discretionary Programs that Are Not In the Jurisdiction of the Armed Services
Committee or Do Not Require Additional Authorization**

Defense Production Act Purchases	44,000		44,000
Indefinite Account: Disposal Of DOD Real Property	8,000		8,000
Indefinite Account: Lease Of DOD Real Property	37,000		37,000
Subtotal, Budget Sub-Function 051	89,000		89,000

Formerly Utilized Sites Remedial Action Program	103,000		103,000
Subtotal, Budget Sub-Function 053	103,000		103,000

Other Discretionary Programs	7,750,000		7,750,000
Other Discretionary Programs—proposed rescission (FBI S&E)	-133,000		-133,000
Subtotal, Budget Sub-Function 054	7,617,000		7,617,000
Total Defense Discretionary Adjustments (050)	7,809,000		7,809,000

Budget Authority Implication, National Defense Discretionary

Department of Defense--Military (051)	588,614,134	2,982,863	591,596,997
Atomic Energy Defense Activities (053)	19,343,478	119,330	19,462,808
Defense-Related Activities (054)	7,828,000	88,997	7,916,997
Total BA Implication, National Defense Discretionary	615,785,612	3,191,190	618,976,802

National Defense Mandatory Programs, Current Law (CBO Estimates)

Concurrent receipt accrual payments to the Military Retirement Fund	6,769,000		6,769,000
Revolving, trust and other DOD Mandatory	1,463,000		1,463,000
Offsetting receipts	-1,856,000		-1,856,000
Subtotal, Budget Sub-Function 051	6,376,000		6,376,000

Energy employees occupational illness compensation programs and other	1,169,000		1,169,000
Subtotal, Budget Sub-Function 053	1,169,000		1,169,000

Radiation exposure compensation trust fund	62,000		62,000
Payment to CIA retirement fund and other	514,000		514,000
Subtotal, Budget Sub-Function 054	576,000		576,000
Total National Defense Mandatory (050)	8,121,000		8,121,000

Budget Authority Implication, National Defense Discretionary and Mandatory

Department of Defense--Military (051)	594,990,134	2,982,863	597,972,997
Atomic Energy Defense Activities (053)	20,512,478	119,330	20,631,808

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NATIONAL DEFENSE BUDGET AUTHORITY IMPLICATION

(In Thousands of Dollars)

	FY 2017 Request	Conference Change	Conference Authorized
Defense-Related Activities (054)	8,404,000	88,997	8,492,997
Total BA Implication, National Defense Discretionary and Mandatory	623,906,612	3,191,190	627,097,802

TITLE XLI—PROCUREMENT

SEC. 4101. PROCUREMENT.

SEC. 4101. PROCUREMENT (In Thousands of Dollars)

Line	Item	FY 2017 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
AIRCRAFT PROCUREMENT, ARMY											
FIXED WING											
001	UTILITY F/W AIRCRAFT	3	57,529	3	57,529	3	57,529			3	57,529
003	MQ-1 UAV		55,388		84,988		55,388				55,388
	Ground Mounted Airspace Deconfliction Radar				[29,600]						
ROTARY											
006	AH-64 APACHE BLOCK IIIA REMAN	48	803,084	48	803,084	48	803,084			48	803,084
007	ADVANCE PROCUREMENT (CY)		185,160		185,160		185,160				185,160
008	UH-60 BLACKHAWK M MODEL (MYP)	36	755,146	36	755,146	36	755,146			36	755,146
009	ADVANCE PROCUREMENT (CY)		174,107		174,107		174,107				174,107
010	UH-60 BLACK HAWK A AND L MODELS	38	46,173	38	46,173	38	46,173			38	46,173
011	CH-47 HELICOPTER	22	556,257	22	556,257	22	556,257			22	556,257
012	ADVANCE PROCUREMENT (CY)		8,707		8,707		8,707				8,707
MODIFICATION OF AIRCRAFT											
013	MQ-1 PAYLOAD (MIP)		43,735		43,735		43,735				43,735
015	MULTI SENSOR ABN RECON (MIP)		94,527		94,527		94,527				94,527
016	AH-64 MODS		137,883		137,883		137,883				137,883
017	CH-47 CARGO HELICOPTER MODS (MYP)		102,943		102,943		102,943				102,943
018	GRCS SEMA MODS (MIP)		4,055		4,055		4,055				4,055
019	ARL SEMA MODS (MIP)		6,793		6,793		6,793				6,793
020	EMARSS SEMA MODS (MIP)		13,197		13,197		13,197				13,197
021	UTILITY/CARGO AIRPLANE MODS		17,526		17,526		17,526				17,526
022	UTILITY HELICOPTER MODS		10,807		10,807		10,807				10,807
023	NETWORK AND MISSION PLAN		74,752		74,752		74,752				74,752
024	COMMS. NAV SURVEILLANCE		69,960		69,960		69,960				69,960
025	GATM ROLLUP		45,302		45,302		45,302				45,302

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026	RO-7 UAV MODS	71,169	71,169	71,169	71,169			71,169	71,169			71,169		
027	UAS MODS	21,804	21,804	21,804	21,804			21,804	21,804			21,804		21,804
	Realign APS Unit Set Requirements from OCO													
	GROUND SUPPORT AVIONICS													
028	AIRCRAFT SURVIVABILITY EQUIPMENT	67,377	67,377	67,377	67,377			67,377	67,377			67,377		67,377
029	SURVIVABILITY CM	9,565	9,565	9,565	9,565			9,565	9,565			9,565		9,565
	ASE PNT unfunded requirement				[26,000]									
030	CWMS	41,626	41,626	41,626	41,626			41,626	41,626			41,626		41,626
	OTHER SUPPORT													
032	AVIONICS SUPPORT EQUIPMENT	7,007	7,007	7,007	7,007			7,007	7,007			7,007		7,007
033	COMMON GROUND EQUIPMENT	48,234	48,234	48,234	48,234			48,234	48,234			48,234		48,234
034	AIRCREW INTEGRATED SYSTEMS	30,297	30,297	30,297	30,297			30,297	30,297			30,297		30,297
035	AIR TRAFFIC CONTROL	50,405	50,405	50,405	50,405			50,405	50,405			50,405		50,405
036	INDUSTRIAL FACILITIES	1,217	1,217	1,217	1,217			1,217	1,217			1,217		1,217
037	LAUNCHER 2.75 ROCKET	3,055	3,055	3,055	3,055			3,055	3,055			3,055		3,055
	TOTAL AIRCRAFT PROCUREMENT, ARMY	147	3,614,787	147	3,648,807	147	3,648,807	147	3,640,787	147	3,640,787	147	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	126,470	126,470			126,470	126,470			126,470		126,470
002	MSE MISSILE	423,201	423,201	423,201	423,201			423,201	423,201			423,201		423,201
	Program increase													
003	ADVANCE PROCUREMENT (CY)	19,319	19,319	19,319	19,319			19,319	19,319			19,319		19,319
	AIR-TO-SURFACE MISSILE SYSTEM													
004	HELLFIRE SYS SUMMARY	155	42,013	155	42,013			155	42,013			155		42,013
005	JOINT AIR-TO-GROUND MSLS (JAGM)	324	64,751	324	64,751			324	64,751			324		64,751
006	ADVANCE PROCUREMENT (CY)	37,100	37,100	37,100	37,100			37,100	37,100			37,100		37,100
	ANTI-TANK/ASSAULT MISSILE SYS													
007	JAVELIN (AAMS-M) SYSTEM SUMMARY	309	73,508	309	89,075			309	73,508			309		72,904
	Engineering services cost growth													
	Realign APS Unit Set Requirements from OCO				[15,567]									
008	TOW 2 SYSTEM SUMMARY	595	64,922	595	145,574			595	64,922			595		64,922
	Realign APS Unit Set Requirements from OCO				[80,652]									
009	ADVANCE PROCUREMENT (CY)	19,949	19,949	19,949	19,949			19,949	19,949			19,949		10,716
	Advance procurement cost growth													
010	GUIDED MLRS ROCKET (GMLRS)	1,068	172,088	1,068	248,079			1,068	172,088			1,068		172,088
	Realign APS Unit Set Requirements from OCO				[75,991]									
011	MLRS REDUCED RANGE PRACTICE ROCKETS (RRPR)	1,704	18,004	1,704	18,004			1,704	18,004			1,704		18,004
	MODIFICATIONS													
013	PATRIOT MODS	197,107	197,107	197,107	197,107			197,107	197,107			197,107		197,107

SEC. 4101. PROCUREMENT (In Thousands of Dollars)												
Line	Item	FY 2017 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized		
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	
014	ATACMS MODS		150,043		150,043		150,043				150,043	
015	GMLRS MOD		395		395		395				395	
017	AVENGER MODS		33,606		33,606		33,606				33,606	
018	ITASTOW MODS		383		383		383				383	
019	MLRS MODS		34,704		34,704		34,704				34,704	
020	HIMARS MODIFICATIONS		1,847		1,847		1,847				1,847	
021	SPARES AND REPAIR PARTS		34,487		34,487		34,487				34,487	
022	AIR DEFENSE TARGETS		4,915		4,915		4,915				4,915	
024	PRODUCTION BASE SUPPORT		1,154		1,154		1,154				1,154	
	TOTAL MISSILE PROCUREMENT, ARMY	4,240	1,519,966	4,240	1,774,576	4,240	1,519,966		-9,837	4,240	1,510,129	
	PROCUREMENT OF W&CV, ARMY											
	TRACKED COMBAT VEHICLES											
001	STRYKER VEHICLE		71,680		71,680		71,680				71,680	
002	STRYKER (MOD)		74,348		74,348		74,348				74,348	
003	STRYKER UPGRADE		444,561		444,561		433,561		-11,000		433,561	
	Early to need						[-11,000]					
005	BRADLEY PROGRAM (MOD)		276,433		276,433		276,433		-3,100		273,333	
	Excess program management growth						[-3,100]					
006	HOWITZER, MED SP FT 155MM M109A6 (MOD)		63,138		63,138		63,138				63,138	
007	PALADIN INTEGRATED MANAGEMENT (PIM)	36	469,305	36	594,489	36	469,305			36	469,305	
	Realign APS Unit Set Requirements from OCO				[125,184]							
008	IMPROVED RECOVERY VEHICLE (M88A2 HERCULES)	22	91,963	22	91,963	22	91,963			22	91,963	
009	ASSAULT BRIDGE (MOD)		3,465		9,415		3,465				3,465	
	Realign APS Unit Set Requirements from OCO				[5,950]							
010	ASSAULT BREACHER VEHICLE		2,928		2,928		2,928				2,928	
011	M88 FOV MODS		8,685		8,685		8,685				8,685	
012	JOINT ASSAULT BRIDGE	9	64,752	9	64,752	9	64,752			9	64,752	
013	M1 ABRAMS TANK (MOD)		480,166		480,166		620,166				480,166	
	APS Unfunded requirement						[82,000]					

014	M1 Industrial base Unfunded requirement	172,200	[58,000]	100,000	100,000
	ABRAMS UPGRADE PROGRAM	[172,200]			
	Realign APS Unit Set Requirements from OCO				
	WEAPONS & OTHER COMBAT VEHICLES				
016	INTEGRATED AIR BURST WEAPON SYSTEM FAMILY	9,764	9,764	9,764	9,764
017	MORTAR SYSTEMS	8,332	8,332	8,332	8,332
018	XM320 GRENADE LAUNCHER MODULE (GLM)	3,062	3,062	3,062	3,062
019	COMPACT SEMI-AUTOMATIC SNIPER SYSTEM	992	992	992	992
020	CARBINE	40,493	40,493	40,493	40,493
021	COMMON REMOTELY OPERATED WEAPONS STATION	25,164	25,164	25,164	25,164
	MOD OF WEAPONS AND OTHER COMBAT VEH				
022	MK-19 GRENADE MACHINE GUN MODS	4,959	4,959	4,959	4,959
023	M777 MODS	11,913	11,913	11,913	11,913
024	M4 CARBINE MODS	29,752	29,752	29,752	29,752
	Program decrease		[-1,000]		
025	M2 50 CAL MACHINE GUN MODS	48,582	48,582	48,582	48,582
026	M249 SAW MACHINE GUN MODS	1,179	1,179	1,179	1,179
027	M240 MEDIUM MACHINE GUN MODS	1,784	1,784	1,784	1,784
028	SNIPER RIFLES MODIFICATIONS	971	971	971	971
029	M119 MODIFICATIONS	6,045	6,045	6,045	6,045
030	MORTAR MODIFICATION	12,118	12,118	12,118	12,118
031	MODIFICATIONS LESS THAN \$5.0M (WOCV-WTCV)	3,157	3,157	3,157	3,157
	SUPPORT EQUIPMENT & FACILITIES				
032	ITEMS LESS THAN \$5.0M (WOCV-WTCV)	2,331	2,331	2,331	2,331
035	SMALL ARMS EQUIPMENT (SOLDIER ENH PROG)	3,155	3,155	3,155	3,155
036	BRADLEY PROGRAM	72,800	1,000	1,000	
	Program increase for Modular Handgun System		[1,000]		
	Realign APS Unit Set Requirements from OCO	[72,800]			
	TOTAL PROCUREMENT OF W&TCV, ARMY	67	67	67	67
		2,265,177	2,394,177	85,900	2,351,077
	PROCUREMENT OF AMMUNITION, ARMY				
	SMALL/MEDIUM CAL AMMUNITION				
001	CTG, 5.56MM, ALL TYPES	40,296	37,696	40,296	40,296
	Early to need		[-2,600]		
002	CTG, 7.62MM, ALL TYPES	39,237	38,937	39,237	39,237
	Early to need		[-300]		
003	Realign APS Unit Set Requirements from OCO	[9,642]			
	CTG, HANDGUN, ALL TYPES	5,193	3,893	5,193	5,193
	Early to need		[-1,300]		
004	CTG, .50 CAL, ALL TYPES	46,693	41,993	46,693	46,693

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Line	Item	FY 2017 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
	Early to need										
	Realign APS Unit Set Requirements from OCO				(5,998)		(-4,700)				
005	CTG, 20MM, ALL TYPES		7,000		8,077		7,000				7,000
	Realign APS Unit Set Requirements from OCO				(1,077)						
006	CTG, 25MM, ALL TYPES		7,753		34,987		6,453		-1,300		6,453
	Program reduction				(-1,300)		(-1,300)				
	Realign APS Unit Set Requirements from OCO				(28,534)						
007	CTG, 30MM, ALL TYPES		47,000		47,000		47,000				47,000
008	CTG, 40MM, ALL TYPES		118,178		115,501		111,878		-6,354		111,824
	Early to need						(-6,300)				
	Realign APS Unit Set Requirements from OCO				(7,423)						
	Unobligated balances				(-10,100)						
	MORTAR AMMUNITION										
009	60MM MORTAR, ALL TYPES		69,784		69,784		69,784				69,784
010	81MM MORTAR, ALL TYPES		36,125		38,802		36,125				36,125
	Realign APS Unit Set Requirements from OCO				(2,677)						
011	120MM MORTAR, ALL TYPES		69,133		69,133		69,133				69,133
	TANK AMMUNITION										
012	CARTRIDGES, TANK, 105MM AND 120MM, ALL TYPES		120,668		129,667		117,868		-2,800		117,868
	Early to need						(-2,800)				
	Realign APS Unit Set Requirements from OCO				(8,999)						
	ARTILLERY AMMUNITION										
013	ARTILLERY CARTRIDGES, 75MM & 105MM, ALL TYPES		64,800		64,800		60,800		-3,500		61,300
	75mm blanks early to need						(-4,000)				
014	ARTILLERY PROJECTILE, 155MM, ALL TYPES		109,515		129,863		109,515				109,515
	Realign APS Unit Set Requirements from OCO				(20,348)						
015	PROJ 155MM EXTENDED RANGE M982		39,200		39,340		39,200				39,200
	Realign APS Unit Set Requirements from OCO				(140)						
016	ARTILLERY PROPELLANTS, FIZES AND PRIMERS, ALL		70,881		95,536		70,881				70,881
	Realign APS Unit Set Requirements from OCO				(24,655)						
	MINES										
017	MINES & CLEARING CHARGES, ALL TYPES				16,866						
	Realign APS Unit Set Requirements from OCO				(16,866)						

018	NETWORKED MUNITIONS SPIDER NETWORK MUNITIONS, ALL TYPES Realign APS Unit Set Requirements from OCO	10,353 [10,353]					
	ROCKETS						
019	SHOULDER LAUNCHED MUNITIONS, ALL TYPES Realign APS Unit Set Requirements from OCO	101,210 [63,210]	38,000 87,213	38,000 87,213		38,000 87,213	38,000 87,213
020	ROCKET, HYDRA 70, ALL TYPES						
021	OTHER AMMUNITION						
021	CADPAD, ALL TYPES	4,914	4,914	4,914		4,914	4,914
022	DEMOLITION MUNITIONS, ALL TYPES Realign APS Unit Set Requirements from OCO	12,753 [6,373]	6,380 22,760	6,380 22,760		6,380 22,760	6,380 22,760
023	GRENADES, ALL TYPES Realign APS Unit Set Requirements from OCO	26,903 [4,143]	10,666	10,666		10,666	10,666
024	SIGNALS, ALL TYPES Realign APS Unit Set Requirements from OCO	12,518 [1,852]	7,412	7,412		7,412	7,412
025	SIMULATORS, ALL TYPES						
	MISCELLANEOUS						
026	AMMO COMPONENTS, ALL TYPES	12,726	12,726	12,726		12,726	12,726
027	NON-LETHAL AMMUNITION, ALL TYPES Early to need Realign APS Unit Set Requirements from OCO	6,100 [773]	6,100 10,006	6,100 10,006		6,100 10,006	6,100 10,006
028	ITEMS LESS THAN \$5 MILLION (AMMO)						
029	AMMUNITION PECULIAR EQUIPMENT Early to need Early to need	17,275 [773]	17,275 14,951	17,275 14,951		17,275 14,951	17,275 14,951
030	FIRST DESTINATION TRANSPORTATION (AMMO)						
	PRODUCTION BASE SUPPORT						
032	INDUSTRIAL FACILITIES Program increase	242,269 [20,000]	222,269 157,383	222,269 157,383		222,269 157,383	222,269 157,383
033	CONVENTIONAL MUNITIONS DEMILITARIZATION						
034	ARMS INITIATIVE	3,646	3,646	3,646		3,646	3,646
	TOTAL PROCUREMENT OF AMMUNITION, ARMY	1,731,120	1,513,157	1,485,457	1,646	1,485,457	1,514,803
	OTHER PROCUREMENT, ARMY						
	TACTICAL VEHICLES						
001	TACTICAL TRAILERS/DOLLY SETS	3,733	3,733	3,733		3,733	3,733
002	SEMITRAILERS, FLATBED: Realign APS Unit Set Requirements from OCO	7,896 [4,180]	3,716	3,716		3,716	3,716
003	HI MOB MULTI-PURP WHLD VEH (HMMWV)	50,000	21,000	21,000	50,000	21,000	50,000

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Line	Item	FY 2017 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized		
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	
	HHMMW M97A3 ambulance recapitalization for Active Component.				[50,000]		[21,000]		[50,000]			
004	GROUND MOBILITY VEHICLES (GMV)		4,907		4,907		4,907				4,907	
006	JOINT LIGHT TACTICAL VEHICLE	1,828	587,514	1,828	587,514	1,828	587,514			1,828	587,514	
007	TRUCK, DUMP, 20T (OCE)		3,927		3,927		3,927				3,927	
008	FAMILY OF MEDIUM TACTICAL VEH (FMTV)	8	53,293	8	200,769	8	53,293			8	53,293	
009	Realign APS Unit Set Requirements from OCO				[147,476]							
009	FIRETRUCKS & ASSOCIATED FIREFIGHTING EQUIP		7,460		7,460		7,460				7,460	
010	FAMILY OF HEAVY TACTICAL VEHICLES (FHTV)	430	39,564	430	45,686	430	39,564			430	39,564	
010	Realign APS Unit Set Requirements from OCO				[6,122]							
011	PLS ESP		11,856		118,214		11,856				11,856	
011	Realign APS Unit Set Requirements from OCO				[106,358]							
012	HYV EXPANDED MOBILE TACTICAL TRUCK EXT SERV				76,561							
012	Realign APS Unit Set Requirements from OCO				[76,561]							
013	TACTICAL WHEELED VEHICLE PROTECTION KITS		49,751		76,870		49,751				49,751	
013	Realign APS Unit Set Requirements from OCO				[27,119]							
014	MODIFICATION OF IN SVC EQUIP		64,000		57,456		52,000		-10,000		54,000	
014	Program reduction				[-10,000]		[-12,000]					
015	Realign APS Unit Set Requirements from OCO				[3,456]							
015	MINE-RESISTANT AMBUSH-PROTECTED (MRAP) MODS		10,611		10,611		10,611				10,611	
015	NON-TACTICAL VEHICLES											
016	HEAVY ARMORED SEDAN		394		394		394				394	
018	NON-TACTICAL VEHICLES, OTHER		1,755		1,755		1,755				1,755	
019	COMM—JOINT COMMUNICATIONS											
019	WIN-T—GROUND FORCES TACTICAL NETWORK		427,598		434,170		327,598		[-100,000]		427,598	
019	Ahead of need											
019	Realign APS Unit Set Requirements from OCO				[6,572]							
020	SIGNAL MODERNIZATION PROGRAM		58,250		58,250		58,250				58,250	
021	JOINT INCIDENT SITE COMMUNICATIONS CAPABILITY		5,749		5,749		5,749				5,749	
022	JOSE EQUIPMENT (USREDCOM)		5,068		5,068		5,068				5,068	
022	COMM—SATELLITE COMMUNICATIONS											
023	DEFENSE ENTERPRISE WIDEBAND SATCOM SYSTEMS		143,805		143,805		143,805				143,805	
024	TRANSPORTABLE TACTICAL COMMAND COMMUNICATIONS		36,580		36,580		36,580				36,580	

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(In Thousands of Dollars)

Line	Item	FY 2017 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
068	MACHINE FOREIGN LANGUAGE TRANSLATION SYSTEM-M		545		545		545				545
070	ELECT EQUIP—ELECTRONIC WARFARE (EW)										
	LIGHTWEIGHT COUNTER MORTAR RADAR		74,038		99,930		61,538		-5,585		68,453
	Realign APS Unit Set Requirements from OCO				(25,892)						
	Unit cost growth										
071	EW PLANNING & MANAGEMENT TOOLS (ENPMT)		3,235		3,235		(12,500)		(-5,585)		3,235
072	AIR VIGILANCE (AV)		733		733		733				733
074	FAMILY OF PERSISTENT SURVEILLANCE CAPABILITY		1,740		1,740		1,740				1,740
075	COUNTERINTELLIGENCE/SECURITY COUNTERMEASURES		455		455		455				455
076	CI MODERNIZATION		176		176		176				176
	ELECT EQUIP—TACTICAL SURV. (TAC SURV)										
077	SENTINEL MODS		40,171		40,171		40,171				40,171
078	NIGHT VISION DEVICES		163,029		163,029		163,029				163,029
079	SMALL TACTICAL OPTICAL RIFLE MOUNTED MLRF		15,885		15,885		15,885				15,885
080	INDIRECT FIRE PROTECTION FAMILY OF SYSTEMS		48,427		52,697		48,427				48,427
	Realign APS Unit Set Requirements from OCO				(4,270)						
081	FAMILY OF WEAPON SIGHTS (FWS)		55,536		55,536		55,536				55,536
082	ARTILLERY ACCURACY EQUIP		4,187		4,187		4,187				4,187
085	JOINT BATTLE COMMAND—PLATFORM (JBC-P)		137,501		137,501		137,501				137,501
086	JOINT EFFECTS TARGETING SYSTEM (JETS)		50,726		50,726		50,726				50,726
087	MOD OF IM-SVC EQUIP (LLDR)		28,058		28,058		21,558				28,058
	Reduce to FY16 levels						(-6,500)				
088	COMPUTER BALLISTICS: LHMCB XM32		5,924		5,924		5,924				5,924
089	MORTAR FIRE CONTROL SYSTEM		22,331		22,621		22,331				22,331
	Realign APS Unit Set Requirements from OCO				(290)						
090	COUNTERFIRE RADARS		314,509		281,509		278,509		-33,000		281,509
	Unit cost savings						(-36,000)				
	ELECT EQUIP—TACTICAL C2 SYSTEMS										
091	FIRE SUPPORT C2 FAMILY		8,660		8,660		8,660				8,660
092	AIR & MSL DEFENSE PLANNING & CONTROL SYS		54,376		124,334		54,376				54,376
	Realign APS Unit Set Requirements from OCO				(69,958)						
093	IAMD BATTLE COMMAND SYSTEM		204,969		204,969		204,969				204,969
094	LIFE CYCLE SOFTWARE SUPPORT (LSS)		4,718		4,718		4,718				4,718

095	NETWORK MANAGEMENT INITIALIZATION AND SERVICE	11,063	11,063	11,063	11,063
096	MANEUVER CONTROL SYSTEM (MCS)	151,318	151,318	124,318	151,318
	Reduce to FY16 level			[-27,000]	
097	GLOBAL COMBAT SUPPORT SYSTEM-ARMY (GCSS-A)	155,660	155,660	155,660	155,660
098	INTEGRATED PERSONNEL AND PAY SYSTEM-ARMY (IPP)	4,214	4,214	4,214	4,214
099	RECONNAISSANCE AND SURVEYING INSTRUMENT SET	16,185	16,185	16,185	16,185
100	MOD OF IN-SVC EQUIPMENT (ENFIRE)	1,565	1,565	1,565	1,565
	ELECT EQUIP—AUTOMATION				
101	ARMY TRAINING MODERNIZATION	17,693	17,693	17,693	17,693
102	AUTOMATED DATA PROCESSING EQUIP	107,960	107,960	98,560	107,960
	Program reduction			[-9,400]	
103	GENERAL FUND ENTERPRISE BUSINESS SYSTEMS FAM	6,416	6,416	6,416	6,416
104	HIGH PERFORM COMPUTING MOD PGM (HPCMP)	58,614	58,614	58,614	58,614
105	CONTRACT WRITING SYSTEM	986	986		986
	Contract writing unjustified requirement			[-986]	
106	RESERVE COMPONENT AUTOMATION SYS (RCAS)	23,828	23,828	23,828	23,828
	ELECT EQUIP—AUDIO VISUAL SYS (A/V)				
107	TACTICAL DIGITAL MEDIA	1,191	1,191	1,191	1,191
108	ITEMS LESS THAN \$5M (SURVEYING EQUIPMENT)	1,995	1,995	1,995	1,995
	Realign APS Unit Set Requirements from OCO		[96]		
	ELECT EQUIP—SUPPORT				
109	PRODUCTION BASE SUPPORT (C-E)	403	403	403	403
110A	CLASSIFIED PROGRAMS	4,436	4,436	4,436	4,436
	CHEMICAL DEFENSIVE EQUIPMENT				
111	PROTECTIVE SYSTEMS	2,966	2,966	2,966	2,966
112	FAMILY OF NON-LETHAL EQUIPMENT (FNLE)	9,795	9,795	9,795	9,795
114	CBRN DEFENSE	17,922	17,922	17,922	17,922
	Realign APS Unit Set Requirements from OCO		[1,841]		
	BRIDGING EQUIPMENT				
115	TACTICAL BRIDGING	13,553	13,553	13,553	13,553
	Realign APS Unit Set Requirements from OCO		[26,000]		
116	TACTICAL BRIDGE FLOAT-RIBBON	25,244	25,244	25,244	25,244
117	BRIDGE SUPPLEMENTAL SET	983	983	983	983
118	COMMON BRIDGE TRANSPORTER (CBT) RECAP	25,176	25,176	25,176	25,176
	ENGINEER (NON-CONSTRUCTION) EQUIPMENT				
119	GRND STANDOFF MINE DETECTN SYSM (GSTAMIDS)	39,350	39,350	39,350	39,350
120	AREA MINE DETECTION SYSTEM (AMDS)	10,500	10,500	10,500	10,500
121	HUSKY MOUNTED DETECTION SYSTEM (HMDS)	274	274	274	274
122	ROBOTIC COMBAT SUPPORT SYSTEM (RCSS)	2,951	2,951	2,951	2,951

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Line	Item	FY 2017 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
123	EOD ROBOTICS SYSTEMS RECAPITALIZATION		1,949		1,949		1,949				1,949
124	ROBOTICS AND APPLIQUE SYSTEMS		5,203		5,471		5,203				5,203
	Realign APS Unit Set Requirements from OCO				(268)						
125	EXPLOSIVE ORDNANCE DISPOSAL EOPMT (EOD EOPMT)		5,570		5,570		5,570				5,570
126	REMOTE DEMOLITION SYSTEMS		6,238		6,238		6,238				6,238
127	< \$5M. COUNTERMINE EQUIPMENT		836		836		836				836
128	FAMILY OF BOATS AND MOTORS		3,171		3,451		3,171				3,171
	Realign APS Unit Set Requirements from OCO				(280)						
	COMBAT SERVICE SUPPORT EQUIPMENT										
129	HEATERS AND ECUS		18,707		19,601		18,707				18,707
	Realign APS Unit Set Requirements from OCO				(894)						
130	SOLDIER ENHANCEMENT		2,112		2,112		2,112				2,112
131	PERSONNEL RECOVERY SUPPORT SYSTEM (PRSS)		10,856		10,856		10,856				10,856
132	GROUND SOLDIER SYSTEM		32,419		32,419		32,419				32,419
133	MOBILE SOLDIER POWER		30,014		30,014		30,014				30,014
135	FIELD FEEDING EQUIPMENT		12,544		15,209		12,544				12,544
	Realign APS Unit Set Requirements from OCO				(2,665)						
136	CARGO AERIAL DEL. & PERSONNEL PARACHUTE SYSTEM		18,509		18,509		18,509				18,509
137	FAMILY OF ENGR COMBAT AND CONSTRUCTION SETS		29,384		39,173		29,384				29,384
	Realign APS Unit Set Requirements from OCO				(9,789)						
138	ITEMS LESS THAN \$5M (ENG SPT)				300						
	Realign APS Unit Set Requirements from OCO				(300)						
	PETROLEUM EQUIPMENT										
139	QUALITY SURVEILLANCE EQUIPMENT		4,487		9,287		4,487				4,487
	Realign APS Unit Set Requirements from OCO				(4,800)						
140	DISTRIBUTION SYSTEMS, PETROLEUM & WATER		42,656		63,476		32,656		-7,000		35,656
	Program decrease										
	Realign APS Unit Set Requirements from OCO				(20,820)						
	MEDICAL EQUIPMENT										
141	COMBAT SUPPORT MEDICAL		59,761		65,524		59,761				59,761
	Realign APS Unit Set Requirements from OCO				(5,763)						
	MAINTENANCE EQUIPMENT										
142	MOBILE MAINTENANCE EQUIPMENT SYSTEMS		35,694		33,803		30,694		-3,500		32,194

143	Program reduction								
	Realign APS Unit Set Requirements from OCO								
	ITEMS LESS THAN \$5.0M (MAINT EQ)	2,716							2,716
	Realign APS Unit Set Requirements from OCO								
	CONSTRUCTION EQUIPMENT								
144	GRABER, ROAD MTD, HYV, 6X4 (CGE)	1,742		4,789		1,742			1,742
	Realign APS Unit Set Requirements from OCO			(3,047)					
145	SCRAPPERS, EARTHMOVING	26,233		26,233		26,233			26,233
147	HYDRAULIC EXCAVATOR	1,123		1,123		1,123			1,123
148	TRACTOR, FULL TRACKED	4,426		4,426					
	Realign APS Unit Set Requirements from OCO			(4,426)					
149	ALL TERRAIN CRANES	65,285		65,285		65,285			65,285
151	HIGH MOBILITY ENGINEER EXCAVATOR (HMEE)	1,743		4,643		1,743			1,743
	Realign APS Unit Set Requirements from OCO			(2,900)					
152	ENHANCED RAPID AIRFIELD CONSTRUCTION CAPAP	2,779		2,779		2,779			2,779
154	CONST EQUIP ESP	26,712		23,212		22,212			22,212
	Program reduction								
155	ITEMS LESS THAN \$5.0M (CONST EQUIP)	6,649		6,745		6,649			6,649
	Realign APS Unit Set Requirements from OCO			(96)					
156	RAIL FLOAT CONTAINERIZATION EQUIPMENT								
	ARMY WATERCRAFT ESP	21,860		16,860		10,860			21,860
	Program reduction								
157	ITEMS LESS THAN \$5.0M (FLOAT/RAIL)	1,967		1,967		1,967			1,967
	Program decrease								
158	GENERATORS AND ASSOCIATED EQUIP	113,266		125,727		113,266			113,266
	Realign APS Unit Set Requirements from OCO			(7,500)					
159	TACTICAL ELECTRIC POWER RECAPITALIZATION	7,867		7,867		7,867			7,867
	Program decrease								
160	MATERIAL HANDLING EQUIPMENT								
	FAMILY OF FORKLIFTS	2,307		3,153		2,307			2,307
	Realign APS Unit Set Requirements from OCO			(846)					
161	TRAINING EQUIPMENT								
	COMBAT TRAINING CENTERS SUPPORT	75,359		75,359		75,359			75,359
162	TRAINING DEVICES, NONSYSTEM	253,050		253,050		253,050			253,050
163	CLOSE COMBAT TACTICAL TRAINER	48,271		48,271		48,271			48,271
164	AVIATION COMBINED ARMS TACTICAL TRAINER	40,000		40,000		40,000			40,000
165	GAMING TECHNOLOGY IN SUPPORT OF ARMY TRAINING	11,543		11,543		11,543			11,543
	TEST MEASURE AND DIG EQUIPMENT (TMD)								
166	CALIBRATION SETS EQUIPMENT	4,963		4,963		4,963			4,963
167	INTEGRATED FAMILY OF TEST EQUIPMENT (IFTE)	29,781		29,781		29,781			29,781

SEC. 4101. PROCUREMENT (In Thousands of Dollars)												
Line	Item	FY 2017 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized		
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	
168	TEST EQUIPMENT MODERNIZATION (TEMOD) Realign APS Unit Set Requirements from OCO		6,342		7,482 (1,140)		6,342				6,342	
	OTHER SUPPORT EQUIPMENT											
169	M25 STABILIZED BINOCULAR		3,149		3,149		3,149				3,149	
170	RAPID EQUIPPING SOLDIER SUPPORT EQUIPMENT		18,003		18,003		18,003				18,003	
171	PHYSICAL SECURITY SYSTEMS (OPAS)		44,082		44,082		44,082				44,082	
172	BASE LEVEL COMMON EQUIPMENT		2,168		2,168		2,168				2,168	
173	MODIFICATION OF IN-SVC EQUIPMENT (OPA-3) Reduce to FY16 level		67,367		67,367		62,367 [-5,000]				67,367	
174	PRODUCTION BASE SUPPORT (OTH)		1,528		1,528		1,528				1,528	
175	SPECIAL EQUIPMENT FOR USER TESTING		8,289		8,289		8,289				8,289	
177	TRACTOR YARD		6,888		6,888		6,888				6,888	
	OPAZ											
179	INITIAL SPARES—C&E	7,923	27,243	7,923	27,243	7,923	27,243			7,923	27,243	
	TOTAL OTHER PROCUREMENT, ARMY		5,873,949		6,473,477		5,567,063		-38,285		5,835,664	
	AIRCRAFT PROCUREMENT, NAVY											
	COMBAT AIRCRAFT											
003	JOINT STRIKE FIGHTER CV	4	890,650	4	890,650	4	890,650			4	890,650	
004	ADVANCE PROCUREMENT (CY)		80,908		80,908		80,908				80,908	
005	JSF STOVL	16	2,037,768	16	2,037,768	16	2,037,768			16	2,037,768	
006	ADVANCE PROCUREMENT (CY)		233,648		233,648		233,648				233,648	
007	CH-53K (HEAVY LIFT)	2	348,615	2	348,615	2	348,615			2	348,615	
008	ADVANCE PROCUREMENT (CY)		88,365		88,365		88,365				88,365	
009	V-22 (MEDIUM LIFT) Support cost growth	16	1,264,134	16	1,264,134	16	1,264,134			16	1,249,134 [-15,000]	
010	ADVANCE PROCUREMENT (CY)		19,674		19,674		19,674				19,674	
011	H-1 UPGRADES (UH-1Y/AH-1Z) Airframe unit cost growth	24	759,778	24	759,778	24	759,778			24	756,586 [-3,192]	
012	ADVANCE PROCUREMENT (CY)		57,232		57,232		57,232				57,232	
014	MH-60R (MYP) Line shutdown costs—early to need		61,177		61,177		61,177				53,177 [-8,000]	
016	P-8A POSEIDON	11	1,940,238	11	1,940,238	11	1,940,238			11	1,863,238 [-77,000]	

SEC. 4101. PROCUREMENT (In Thousands of Dollars)											
Line	Item	FY 2017 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
053	COMMON DEFENSIVE WEAPON SYSTEM		4,403		4,403		4,403				4,403
054	ID SYSTEMS		45,768		45,768		45,768				45,768
055	P-8 SERIES		18,836		18,836		18,836				18,836
056	MAGTF EW FOR AVIATION		5,676		5,676		5,676				5,676
057	MQ-8 SERIES		19,003		19,003		19,003				19,003
058	MQ-7 SERIES		3,534		3,534		3,534				3,534
059	Y-22 (TILT/ROTOR ACFT) OSPREY		141,545		141,545		141,545				141,545
060	F-35 STOWL SERIES		34,928		34,928		34,928				34,928
061	F-35 CV SERIES		26,004		26,004		26,004				26,004
062	ORC		5,476		5,476		5,476				5,476
063	AIRCRAFT SPARES AND REPAIR PARTS		1,407,626		1,407,626		1,458,426				1,407,626
	SPARES AND REPAIR PARTS						(50,800)				
	F-35B spares unfunded requirement										
064	AIRCRAFT SUPPORT EQUIP & FACILITIES		390,103		370,103		390,103				390,103
	COMMON GROUND EQUIPMENT				(-20,000)						
	Program decrease										
065	AIRCRAFT INDUSTRIAL FACILITIES		23,194		23,194		23,194				23,194
066	WAR CONSUMABLES		40,613		40,613		40,613				40,613
067	OTHER PRODUCTION CHARGES		860		860		860				860
068	SPECIAL SUPPORT EQUIPMENT		36,282		36,282		36,282				36,282
069	FIRST DESTINATION TRANSPORTATION		1,523		1,523		1,523				1,523
	TOTAL AIRCRAFT PROCUREMENT, NAVY	84	14,109,148	84	14,016,848	84	14,159,948		-157,372	84	13,951,776
WEAPONS PROCUREMENT, NAVY											
MODIFICATION OF MISSILES											
001	TRIDENT II MODS		1,103,086		1,103,086		1,103,086				1,103,086
002	SUPPORT EQUIPMENT & FACILITIES		6,776		6,776		6,776				6,776
003	MISSILE INDUSTRIAL FACILITIES		186,905		186,905		186,905				186,905
	STRATEGIC MISSILES	100	1,103,086	100	1,103,086	100	1,103,086			100	1,103,086
	Program increase										
	Tomahawk unit cost growth										
	TACTICAL MISSILES										
	Program increase										
	Tomahawk unit cost growth										

004	AMRAAM	163	204,697	163	204,697	163	204,697	-7,250	163	197,447
	Unit cost growth							[-7,250]		
005	SIDEWINDER	152	70,912	152	70,912	152	70,912		152	70,912
006	JSOW	125	2,232	125	2,232	125	2,232		125	2,232
007	STANDARD MISSILE	90	501,212	90	501,212	90	501,212	-3,244	90	497,968
	Diminishing manufacturing sources excess growth							[-3,244]		
008	RAM	96	71,557	96	71,557	96	71,557		96	71,557
009	JOINT AIR GROUND MISSILE (JAGM)	24	26,200	24	26,200	24	26,200	-4,278	24	21,922
	Unit cost savings							[-4,278]		
012	STAND OFF PRECISION GUIDED MUNITIONS (SOPCM)	24	3,316	24	3,316	24	3,316		24	3,316
013	AERIAL TARGETS		137,484		137,484		137,484			137,484
014	OTHER MISSILE SUPPORT		3,248		3,248		3,248			3,248
015	LRASM	10	29,643	10	29,643	10	29,643		10	29,643
	MODIFICATION OF MISSILES									
016	ESSM	75	52,935	75	52,935	75	52,935		75	52,935
018	HARM MODS		178,213		178,213		178,213			178,213
	Advanced Anti-Radiation Guided Missile production issues									
019	STANDARD MISSILES MODS		8,164		8,164		8,164			8,164
	SUPPORT EQUIPMENT & FACILITIES									
020	WEAPONS INDUSTRIAL FACILITIES		1,964		1,964		1,964			1,964
021	FLEET SATELLITE COMM FOLLOW-ON		36,723		36,723		36,723			36,723
022	ORDNANCE SUPPORT EQUIPMENT									
	ORDNANCE SUPPORT EQUIPMENT		59,096		59,096		59,096			59,096
	Program increase									
	TORPEDOES AND RELATED EQUIP									
023	SSD		5,910		5,910		5,910			5,910
024	MK-48 TORPEDO	11	44,537	11	44,537	11	44,537		11	44,537
025	ASW TARGETS		9,302		9,302		9,302			9,302
	MOD OF TORPEDOES AND RELATED EQUIP									
026	MK-54 TORPEDO MODS		98,092		98,092		98,092			98,092
027	MK-48 TORPEDO ADCAP MODS		46,139		46,139		46,139			46,139
028	QUICKSTRIKE MINE		1,236		1,236		1,236			1,236
	SUPPORT EQUIPMENT									
029	TORPEDO SUPPORT EQUIPMENT		60,061		60,061		60,061			60,061
030	ASW RANGE SUPPORT		3,706		3,706		3,706			3,706
	DESTINATION TRANSPORTATION									
031	FIRST DESTINATION TRANSPORTATION		3,804		3,804		3,804			3,804
	GUNS AND GUN MOUNTS									
032	SMALL ARMS AND WEAPONS		18,002		18,002		18,002			18,002
	MODIFICATION OF GUNS AND GUN MOUNTS									

SEC. 4101. PROCUREMENT
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Line	Item	FY 2017 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
	TOTAL SHIPBUILDING AND CONVERSION, NAVY	10	18,354,874	10	17,361,736	10	18,426,674		525,696	10	18,880,570
	OTHER PROCUREMENT, NAVY										
	SHIP PROPULSION EQUIPMENT										
003	SURFACE POWER EQUIPMENT		15,514		15,514		15,514				15,514
004	HYBRID ELECTRIC DRIVE (HED) Installation early to need		40,132		40,132		40,132		-850 [-850]		39,282
	GENERATORS										
005	SURFACE COMBATANT HM&E		29,974		29,974		29,974				29,974
	NAVIGATION EQUIPMENT										
006	OTHER NAVIGATION EQUIPMENT		63,942		63,942		63,942				63,942
	OTHER SHIPBOARD EQUIPMENT										
008	SUB PERISCOPE, IMAGING AND SUPT EQUIP PROG		136,421		136,421		136,421				136,421
009	DDG MOD BMD upgrade unfunded requirement		367,766		367,766		432,766 (65,000)				367,766
010	FIREFIGHTING EQUIPMENT		14,743		14,743		14,743				14,743
011	COMMAND AND CONTROL SWITCHBOARD		2,140		2,140		2,140				2,140
012	LHA/LHD MIDLIFE		24,939		24,939		24,939				24,939
014	POLLUTION CONTROL EQUIPMENT HF082 lightning systems unit cost growth		20,191		20,191		20,191		-849 [-849]		19,342
015	SUBMARINE SUPPORT EQUIPMENT		8,995		8,995		8,995				8,995
016	VIRGINIA CLASS SUPPORT EQUIPMENT		66,838		66,838		66,838				66,838
017	LCS CLASS SUPPORT EQUIPMENT		54,823		54,823		54,823				54,823
018	SUBMARINE BATTERIES		23,359		23,359		23,359				23,359
019	LPD CLASS SUPPORT EQUIPMENT		40,321		40,321		40,321				40,321
020	DDG 1000 CLASS SUPPORT EQUIPMENT		33,404		33,404		33,404				33,404
021	STRATEGIC PLATFORM SUPPORT EQUIP		15,836		15,836		15,836				15,836
022	DSSP EQUIPMENT		806		806		806				806
024	LCAC		3,090		3,090		3,090				3,090
025	UNDERWATER EOD PROGRAMS		24,350		24,350		24,350				24,350
026	ITEMS LESS THAN \$5 MILLION LSD boat davit kit cost growth Propellers and shafts unit cost growth		88,719		88,719		88,719		-1,820 [-993] [-827]		86,899

027	CHEMICAL WARFARE DETECTORS	2,873	2,873	2,873	2,873	2,873	
028	SUBMARINE LIFE SUPPORT SYSTEM	6,043	6,043	6,043	6,043	6,043	
030	REACTOR PLANT EQUIPMENT			342,158	342,158	342,158	
	REACTOR COMPONENTS	342,158	342,158				
031	OCEAN ENGINEERING			8,973	8,973	8,973	
	DIVING AND SALVAGE EQUIPMENT	8,973	8,973				
032	SMALL BOATS			43,684	43,684	43,684	
	STANDARD BOATS	43,684	43,684				
034	PRODUCTION FACILITIES EQUIPMENT			75,421	75,421	75,421	
	OPERATING FORCES IPE	75,421	75,421				
035	OTHER SHIP SUPPORT			172,718	172,718	172,718	
	NUCLEAR ALTERATIONS	172,718	172,718				
036	LCS COMMON MISSION MODULES EQUIPMENT			17,840	17,840	17,840	
	RMMV program restructure	27,840	24,140	[-3,700]	[-3,700]	[-3,700]	
037	LCS MCM MISSION MODULES			57,146	57,146	57,146	
	RMMV program restructure	57,146	20,746	[-36,400]	[-36,400]	[-36,400]	
038	LCS ASW MISSION MODULES			21,952	21,952	21,952	
	Early to need	21,952	21,952				
039	LCS SUW MISSION MODULES			22,466	22,466	22,466	
	MK-46 gun weapon system contract delays	22,466	22,466				
041	LOGISTIC SUPPORT			10,813	10,813	10,813	
	LSD MIDLIFE	10,813	10,813				
042	SHIP SONARS			14,363	14,363	14,363	
	SPO-9B RADAR	14,363	14,363				
043	AN/SQQ-89 SURF ASW COMBAT SYSTEM			90,029	90,029	90,029	
045	SSN ACOUSTIC EQUIPMENT			248,765	248,765	248,765	
046	UNDERSEA WARFARE SUPPORT EQUIPMENT			7,163	7,163	7,163	
048	ASW ELECTRONIC EQUIPMENT			21,291	21,291	21,291	
	SUBMARINE ACOUSTIC WARFARE SYSTEM	21,291	21,291				
049	SSTD			6,893	6,893	6,893	
050	FIXED SURVEILLANCE SYSTEM			145,701	145,701	145,701	
051	SURTASS			36,136	36,136	36,136	
	Additional SURTASS array unfunded requirement		1	46,136	46,136	46,136	
	Additional SURTASS array unfunded requirement		[1]	[10,000]	[10,000]	[10,000]	
053	ELECTRONIC WARFARE EQUIPMENT			274,892	274,892	274,892	
	AN/SUQ-32	274,892	274,892				
	Additional SEWIP Bk 3 unfunded requirement		1	297,892	297,892	297,892	
	Block 3 excess support		[1]	[23,000]	[23,000]	[23,000]	
	Block 3T excess support						
	Block 3T installation prior year carryover						
	Block 3T installation prior year carryover						
	RECONNAISSANCE EQUIPMENT						
	Additional SEWIP Bk 3 unfunded requirement						
	Block 3 excess support						
	Block 3T excess support						
	Block 3T installation prior year carryover						
	Block 3T installation prior year carryover						

SEC. 4101. PROCUREMENT
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Line	Item	FY 2017 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
054	SHIPBOARD IW EXPLOIT		170,733		170,733		170,733				170,733
055	AUTOMATED IDENTIFICATION SYSTEM (AIS)		958		958		958				958
	OTHER SHIP ELECTRONIC EQUIPMENT										
057	COOPERATIVE ENGAGEMENT CAPABILITY		22,034		22,034		22,034				22,034
059	NAVAL TACTICAL COMMAND SUPPORT SYSTEM (NTCSS)		12,336		12,336		12,336				12,336
060	ATDLS		30,105		30,105		30,105				30,105
061	NAVY COMMAND AND CONTROL SYSTEM (NCCS)		4,556		4,556		4,556				4,556
062	MINESWEEPING SYSTEM REPLACEMENT		56,675		56,675		56,675				32,175
	Ahead of need						[-24,500]				[-24,477]
063	SHALLOW WATER MCM		8,875		8,875		8,875				8,875
064	NAVSTAR GPS RECEIVERS (SPACE)		12,752		12,752		12,752				12,752
065	AMERICAN FORCES RADIO AND TV SERVICE		4,577		4,577		4,577				4,577
066	STRATEGIC PLATFORM SUPPORT EQUIP		8,972		8,972		8,972				8,972
	AVIATION ELECTRONIC EQUIPMENT										
069	ASHORE ATC EQUIPMENT		75,068		75,068		75,068				75,068
070	AFLOAT ATC EQUIPMENT		33,484		33,484		33,484				33,484
076	ID SYSTEMS		22,177		22,177		22,177				22,177
077	NAVAL MISSION PLANNING SYSTEMS		14,273		14,273		14,273				14,273
	OTHER SHORE ELECTRONIC EQUIPMENT										
080	TACTICAL/MOBILE C4I SYSTEMS		27,927		27,927		27,927				27,927
081	DGGS-N		12,676		12,676		12,676				12,676
082	CANES		212,030		212,030		212,030				212,030
083	RADIAC		8,092		8,092		8,092				8,092
084	CANES-INTELL		36,013		36,013		36,013				36,013
085	GPETE		6,428		6,428		6,428				6,428
087	INTEG COMBAT SYSTEM TEST FACILITY		8,376		8,376		8,376				8,376
088	EMI CONTROL INSTRUMENTATION		3,971		3,971		3,971				3,971
089	ITEMS LESS THAN \$5 MILLION		58,721		58,721		58,721				58,721
	SHIPBOARD COMMUNICATIONS										
090	SHIPBOARD TACTICAL COMMUNICATIONS		17,366		17,366		17,366				17,366
091	SHIP COMMUNICATIONS AUTOMATION		102,479		102,479		102,479				102,479
092	COMMUNICATIONS ITEMS UNDER \$5M		10,403		10,403		10,403				10,403
	SUBMARINE COMMUNICATIONS										

093	SUBMARINE BROADCAST SUPPORT	34,151	34,151	34,151	34,151
094	SUBMARINE COMMUNICATION EQUIPMENT	64,529	64,529	64,529	64,529
095	SATELLITE COMMUNICATIONS SYSTEMS	14,414	14,414	14,414	14,414
096	NAVY MULTIBAND TERMINAL (NMT)	38,365	38,365	38,365	38,365
097	SHORE COMMUNICATIONS	4,156	4,156	4,156	4,156
	JCS COMMUNICATIONS EQUIPMENT				
	CRYPTOGRAPHIC EQUIPMENT				
099	INFO SYSTEMS SECURITY PROGRAM (ISSP)	85,694	85,694	85,694	85,694
100	MIO INTEL EXPLOITATION TEAM	920	920	920	920
	CRYPTOLOGIC EQUIPMENT				
101	CRYPTOLOGIC COMMUNICATIONS EQUIP	21,098	21,098	21,098	21,098
	OTHER ELECTRONIC SUPPORT				
102	COAST GUARD EQUIPMENT	32,291	32,291	32,291	32,291
	SONOBUOYS				
103	SONOBUOYS—ALL TYPES	162,588	162,588	162,588	162,588
	Excess unit cost growth			-3,047	-3,047
	AIRCRAFT SUPPORT EQUIPMENT				
104	WEAPONS RANGE SUPPORT EQUIPMENT	58,116	58,116	58,116	58,116
105	AIRCRAFT SUPPORT EQUIPMENT	120,324	120,324	120,324	120,324
106	METEOROLOGICAL EQUIPMENT	29,253	29,253	29,253	29,253
107	DCRS/DPL	632	632	632	632
108	AIRBORNE MINE COUNTERMEASURES	29,097	29,097	29,097	29,097
109	AVIATION SUPPORT EQUIPMENT	39,099	39,099	39,099	39,099
	SHIP GUN SYSTEM EQUIPMENT				
110	SHIP GUN SYSTEMS EQUIPMENT	6,191	6,191	6,191	6,191
	SHIP MISSILE SYSTEMS EQUIPMENT				
111	SHIP MISSILE SUPPORT EQUIPMENT	320,446	320,446	320,446	320,446
	Program execution				
112	TOMAHAWK SUPPORT EQUIPMENT	71,046	71,046	71,046	71,046
	FBI SUPPORT EQUIPMENT				
113	STRATEGIC MISSILE SYSTEMS EQUIP	215,138	215,138	215,138	215,138
	ASW SUPPORT EQUIPMENT				
114	SSN COMBAT CONTROL SYSTEMS	130,715	130,715	130,715	130,715
115	ASW SUPPORT EQUIPMENT	26,431	26,431	26,431	26,431
	OTHER ORDNANCE SUPPORT EQUIPMENT				
116	EXPLOSIVE ORDNANCE DISPOSAL EQUIP	11,821	11,821	11,821	11,821
117	ITEMS LESS THAN \$5 MILLION	6,243	6,243	6,243	6,243
	OTHER EXPENDABLE ORDNANCE				
118	SUBMARINE TRAINING DEVICE MODS	48,020	48,020	48,020	48,020

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2017 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
120	SURFACE TRAINING EQUIPMENT		97,514		97,514		97,514		-2,535		94,979
	Unjustified growth								(-2,535)		
	CIVIL ENGINEERING SUPPORT EQUIPMENT										
121	PASSENGER CARRYING VEHICLES		8,853		8,853		8,853				8,853
122	GENERAL PURPOSE TRUCKS		4,928		4,928		4,928				4,928
123	CONSTRUCTION & MAINTENANCE EQUIP		18,527		18,527		18,527				18,527
124	FIRE FIGHTING EQUIPMENT		13,569		13,569		13,569				13,569
125	TACTICAL VEHICLES		14,917		14,917		14,917				14,917
126	AMPHIBIOUS EQUIPMENT		7,676		7,676		7,676				7,676
127	POLLUTION CONTROL EQUIPMENT		2,321		2,321		2,321				2,321
128	ITEMS UNDER \$5 MILLION		12,459		12,459		12,459				12,459
129	PHYSICAL SECURITY VEHICLES		1,095		1,095		1,095				1,095
	SUPPLY SUPPORT EQUIPMENT										
131	SUPPLY EQUIPMENT		16,023		16,023		16,023				16,023
133	FIRST DESTINATION TRANSPORTATION		5,115		5,115		5,115				5,115
134	SPECIAL PURPOSE SUPPLY SYSTEMS		295,471		295,471		295,471				295,471
	TRAINING DEVICES										
136	TRAINING AND EDUCATION EQUIPMENT		9,504		9,504		9,504				9,504
	COMMAND SUPPORT EQUIPMENT										
137	COMMAND SUPPORT EQUIPMENT		37,180		37,180		37,180		-7,200		29,980
	CMC building control systems unjustified request								(-7,200)		
139	MEDICAL SUPPORT EQUIPMENT		4,128		4,128		4,128				4,128
141	NAVAL MIP SUPPORT EQUIPMENT		1,925		1,925		1,925				1,925
142	OPERATING FORCES SUPPORT EQUIPMENT		4,777		4,777		4,777				4,777
143	C4ISR EQUIPMENT		9,073		9,073		9,073				9,073
144	ENVIRONMENTAL SUPPORT EQUIPMENT		21,107		21,107		21,107				21,107
145	PHYSICAL SECURITY EQUIPMENT		100,906		100,906		100,906				100,906
146	ENTERPRISE INFORMATION TECHNOLOGY		67,544		67,544		67,544				67,544
	OTHER										
150	NEXT GENERATION ENTERPRISE SERVICE		98,216		98,216		98,216				98,216
	CLASSIFIED PROGRAMS										
150A	CLASSIFIED PROGRAMS		9,915		9,915		9,915				9,915
	SPARES AND REPAIR PARTS										

151	SPARES AND REPAIR PARTS	199,660	199,660	199,660	199,660	199,660
	TOTAL OTHER PROCUREMENT, NAVY	6,338,861	6,408,661	6,272,961	6,258,930	6,258,930
	PROCUREMENT, MARINE CORPS					
	TRACKED COMBAT VEHICLES					
001	AAVT1 PIP	73,785	73,785	73,785	71,785	71,785
	Production engineering support excess growth				-2,000	
002	LAV PIP	53,423	53,423	53,423	53,423	53,423
003	ARTILLERY AND OTHER WEAPONS					
	EXPEDITIONARY FIRE SUPPORT SYSTEM	3,360	3,360	3,360	3,360	3,360
004	155MM LIGHTWEIGHT TOWED HOWITZER	3,318	3,318	3,318	3,318	3,318
005	HIGH MOBILITY ARTILLERY ROCKET SYSTEM	33,725	33,725	33,725	33,725	33,725
006	WEAPONS AND COMBAT VEHICLES UNDER \$5 MILLION	8,181	8,181	8,181	8,181	8,181
	OTHER SUPPORT					
007	MODIFICATION MITS	15,250	15,250	15,250	15,250	15,250
	GUIDED MISSILES					
009	GROUND BASED AIR DEFENSE	9,170	9,170	9,170	9,170	9,170
010	JAVELIN	1,009	1,009	1,009	1,009	1,009
011	FOLLOW ON TO SMAW	24,666	24,666	24,666	24,666	24,666
012	ANTI-ARMOR WEAPONS SYSTEM-HEAVY (AAWS-H)	17,080	17,080	17,080	17,080	17,080
	COMMAND AND CONTROL SYSTEMS					
015	COMMON AVIATION COMMAND AND CONTROL SYSTEM (C)	47,312	47,312	47,312	47,312	47,312
	REPAIR AND TEST EQUIPMENT					
016	REPAIR AND TEST EQUIPMENT	16,469	16,469	16,469	16,469	16,469
	COMMAND AND CONTROL SYSTEM (NON-TEL)					
019	ITEMS UNDER \$5 MILLION (COMM & ELEC)	7,433	7,433	7,433	7,433	7,433
020	AIR OPERATIONS C2 SYSTEMS	15,917	15,917	15,917	15,917	15,917
	RADAR + EQUIPMENT (NON-TEL)					
021	RADAR SYSTEMS	17,772	17,772	17,772	17,772	17,772
022	GROUND/AIR TASK ORIENTED RADAR (G/ATOR)	123,758	123,758	123,758	123,758	123,758
023	RO-21 UAS	80,217	80,217	80,217	80,217	80,217
	INTELL/COMM EQUIPMENT (NON-TEL)					
024	GSSS-MC	1,089	1,089	1,089	1,089	1,089
025	FIRE SUPPORT SYSTEM	13,258	13,258	13,258	13,258	13,258
026	INTELLIGENCE SUPPORT EQUIPMENT	56,379	56,379	56,379	56,379	56,379
029	RO-11 UAV	1,976	1,976	1,976	1,976	1,976
031	DCGS-MC	1,149	1,149	1,149	1,149	1,149
032	UAS PAYLOADS	2,971	2,971	2,971	2,971	2,971
	OTHER SUPPORT (NON-TEL)					
034	NEXT GENERATION ENTERPRISE NETWORK (NGEN)	76,302	76,302	76,302	76,302	76,302

-79,931

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199,660

6,338,861

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SEC. 4101. PROCUREMENT (In Thousands of Dollars)												
Line	Item	FY 2017 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized		
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	
035	COMMON COMPUTER RESOURCES		41,802		41,802		41,802		-2,325		39,477	
	Prior year carryover								[-2,325]			
036	COMMAND POST SYSTEMS		90,924		90,924		90,924				90,924	
037	RADIO SYSTEMS		43,714		43,714		43,714				43,714	
038	COMM SWITCHING & CONTROL SYSTEMS		66,383		66,383		66,383				66,383	
039	COMM & ELEC INFRASTRUCTURE SUPPORT		30,229		30,229		30,229				30,229	
	CLASSIFIED PROGRAMS											
039A	CLASSIFIED PROGRAMS		2,738		2,738		2,738				2,738	
	ADMINISTRATIVE VEHICLES											
041	COMMERCIAL CARGO VEHICLES		88,312		88,312		88,312				88,312	
	TACTICAL VEHICLES											
043	MOTOR TRANSPORT MODIFICATIONS		13,292		13,292		13,292				13,292	
045	JOINT LIGHT TACTICAL VEHICLE	192	113,230	192	113,230	192	113,230			192	113,230	
046	FAMILY OF TACTICAL TRAILERS		2,691		2,691		2,691				2,691	
	ENGINEER AND OTHER EQUIPMENT											
048	ENVIRONMENTAL CONTROL EQUIP ASSORT		18		18		18				18	
050	TACTICAL FUEL SYSTEMS		78		78		78				78	
051	POWER EQUIPMENT ASSORTED		17,973		17,973		17,973				17,973	
052	AMPHIBIOUS SUPPORT EQUIPMENT		7,371		7,371		7,371				7,371	
053	EOD SYSTEMS		14,021		14,021		14,021				14,021	
	MATERIALS HANDLING EQUIPMENT											
054	PHYSICAL SECURITY EQUIPMENT		31,523		31,523		31,523				31,523	
	GENERAL PROPERTY											
058	TRAINING DEVICES		33,658		33,658		33,658				33,658	
060	FAMILY OF CONSTRUCTION EQUIPMENT		21,315		21,315		21,315				21,315	
061	FAMILY OF INTERNALLY TRANSPORTABLE VEH (ITY)		9,654		9,654		9,654				9,654	
	OTHER SUPPORT											
062	ITEMS LESS THAN \$5 MILLION		6,026		6,026		6,026				6,026	
	SPARES AND REPAIR PARTS											
064	SPARES AND REPAIR PARTS		22,848		22,848		22,848				22,848	
	TOTAL PROCUREMENT, MARINE CORPS	199	1,362,769	199	1,362,769	199	1,362,769		-4,325	199	1,358,444	
	AIRCRAFT PROCUREMENT, AIR FORCE											

001	TACTICAL FORCES	43	4,401,894	43	4,401,894	43	4,188,894	
	F-35 Program efficiencies							-213,000
002	ADVANCE PROCUREMENT (CY)		404,500		404,500		404,500	
003	TACTICAL Airlift	15	2,884,591	15	2,884,591	15	2,884,591	
	KC-46A Tanker							
	Other Airlift							
004	C-130	2	145,655	2	145,655	2	145,655	
006	HC-130U	4	317,576	4	317,576	4	317,576	
007	ADVANCE PROCUREMENT (CY)		20,000		20,000		20,000	
008	MC-130J	6	548,358	6	548,358	6	548,358	
009	ADVANCE PROCUREMENT (CY)		50,000		50,000		50,000	
	HELICOPTERS							
010	UH-1H REPLACEMENT		18,337	8	320,637		18,337	
	HH-60 Blackhawks, initial spares, and support equipment			[8]	[302,300]			
	MISSION SUPPORT AIRCRAFT							
012	CIVIL AIR PATROL A/C	6	2,637	6	2,637	6	2,637	
	Other Aircraft							
013	TARGET DRONES	41	114,656	41	114,656	41	114,656	
014	RQ-4		12,966		12,966		12,966	
015	MQ-9		122,522		122,522		122,522	
	Air Force requested realignment							[-87,000]
	STRATEGIC AIRCRAFT							
016	B-2A		46,729		46,729		46,729	
017	B-1B		116,319		116,319		116,319	
018	B-52		109,020		109,020		109,020	
	TACTICAL AIRCRAFT							
020	A-10		1,289		1,289		1,289	
021	F-15		105,685		105,685		105,685	
022	F-16		97,331		97,331		114,331	
	Active missile warning system							17,000
	Anti-jam global positioning system (GPS) upgrade							[12,000]
	Digital radar warning system							[5,000]
	Multi-mission computer and MIDS-ITRS							[46,300]
023	F-22A		163,008		163,008		163,008	
024	F-35 MODIFICATIONS		175,811		175,811		175,811	
025	INCREMENT 3.2B		76,410		76,410		76,410	
026	ADVANCE PROCUREMENT (CY)		2,000		2,000		2,000	
	Airlift Aircraft							
027	C-5		24,192		24,192		24,192	

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2017 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
029	C-17A		21,555		21,555		21,555				21,555
030	C-21		5,439		5,439		5,439				5,439
031	C-32A		35,235		35,235		35,235				35,235
032	C-37A		5,004		5,004		5,004				5,004
033	TRAINER AIRCRAFT										
	GLIDER MODS		394		394		394				394
034	T-6		12,765		12,765		12,765				12,765
035	T-1		25,073		25,073		25,073				17,073
	Production schedule slip										[-8,000]
036	T-38		45,090		45,090		45,090				45,090
	OTHER AIRCRAFT										
037	U-2 MODS		36,074		36,074		36,074				36,074
038	KC-10A (ATCA)		4,570		4,570		4,570				4,570
039	C-12		1,995		1,995		1,995				1,995
040	VC-25A MOD		102,670		102,670		102,670				102,670
041	C-40		13,984		13,984		13,984				13,984
042	C-130		9,168	50	81,668		9,168	50	72,500		81,668
	8-Bladed Propellers				[16,000]				[16,000]		
	Electronic Propeller Control Systems				[13,500]				[13,500]		
	In-flight Propeller Balancing System Certification				[1,500]				[1,500]		
043	T56 3.5 Engine Upgrade Kits		89,424	[50]	[41,500]		89,424	[50]	[41,500]		89,424
044	C-130 MODS		64,161		64,161		64,161				64,161
045	COMPASS CALL MODS		130,257		59,857		155,857		-70,400		59,857
	Air Force requested realignment from Initial Spares						[25,600]				
	Compass Call Program Restructure										
046	RC-135		211,438		211,438		211,438				211,438
047	E-3		82,786		82,786		82,786				82,786
048	E-4		53,348		53,348		53,348				53,348
049	E-8		6,244		6,244		6,244				6,244
050	AIRBORNE WARNING AND CONTROL SYSTEM		223,427		223,427		223,427				223,427
051	FAMILY OF BEYOND LINE-OF-SIGHT TERMINALS	3	4,673	3	4,673	3	4,673			3	4,673
052	H-1		9,007		9,007		9,007				9,007

054	H-60	91,357	91,357	91,357	91,357									
055	RQ-4 MODS	32,045	32,045	32,045	32,045									
056	HC/MC-130 MODIFICATIONS	30,767	30,767	30,767	30,767									
057	OTHER AIRCRAFT	33,886	33,886	33,886	33,886									
059	MQ-9 MODS	141,929	141,929	141,929	141,929									
060	CV-22 MODS	63,395	63,395	63,395	63,395									
	AIRCRAFT SPARES AND REPAIR PARTS													
	INITIAL SPARES/REPAIR PARTS	686,491	673,291	747,891	673,291			-13,200						673,291
	Air Force requested realignment			[-25,600]										
	Air Force requested realignment from MQ-9			[87,000]										
	Compass Call Program Restructure													
	COMMON SUPPORT EQUIPMENT													
	AIRCRAFT REPLACEMENT SUPPORT EQUIP	121,935	121,935	121,935	121,935									121,935
	POST PRODUCTION SUPPORT													
	B-2A	154	154	154	154									154
	B-2A	43,330	43,330	43,330	43,330									43,330
	B-52	28,125	28,125	28,125	28,125									28,125
	C-17A	23,559	23,559	23,559	23,559									23,559
	F-15	2,980	2,980	2,980	2,980									2,980
	F-16	15,155	15,155	15,155	15,155					24,800				39,955
	Additional mission trainers			[24,800]						[24,800]				
	F-22A	48,505	48,505	48,505	48,505									48,505
	RQ-4 POST PRODUCTION CHARGES	99	99	99	99									99
	INDUSTRIAL PREPAREDNESS													
	INDUSTRIAL RESPONSIVENESS	14,126	14,126	14,126	14,126									14,126
	WAR CONSUMABLES													
	WAR CONSUMABLES	120,036	120,036	120,036	120,036									120,036
	OTHER PRODUCTION CHARGES													
	OTHER PRODUCTION CHARGES	1,252,824	1,252,824	1,252,824	1,252,824									1,252,824
	CLASSIFIED PROGRAMS													
	CLASSIFIED PROGRAMS	16,952	16,952	16,952	16,952					103,000				119,952
	Compass Call Program Restructure									[103,000]				
	TOTAL AIRCRAFT PROCUREMENT, AIR FORCE	120	13,922,917	170	13,836,617	128	14,313,517	50	-87,300	170	13,635,617			
	Compass Call Program Restructure													
	MISSILE PROCUREMENT, AIR FORCE													
	MISSILE REPLACEMENT EQUIPMENT—BALLISTIC													
	MISSILE REPLACEMENT EQ-BALLISTIC	70,247	70,247	70,247	70,247									70,247
	TACTICAL													
	JOINT AIR-SURFACE STANDOFF MISSILE	360	431,645	360	431,645								360	431,645
	LRASMO	20	59,511	20	59,511							20		59,511

SEC. 4101. PROCUREMENT (In Thousands of Dollars)												
Line	Item	FY 2017 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized		Cost
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	
004	SDEWINDER (AIM-9X)	287	127,438	287	127,438	287	127,438			287	127,438	127,438
005	AMRAAM	256	350,144	256	350,144	256	350,144			256	339,392	339,392
	Pricing adjustment										-10,752	
006	PREDATOR HELIFIRE MISSILE	284	33,955	284	33,955	284	33,955			284	33,955	33,955
007	SMALL DIAMETER BOMB	312	92,361	312	92,361	312	92,361			312	92,361	92,361
008	INDUSTRIAL FACILITIES											
	INDUSTRIAL PREPAREDNESS/POL PREVENTION		977		977		977				977	977
	CLASS IV											
009	ICBM FUZE MOD		17,095		17,095		17,095				17,095	17,095
010	MM III MODIFICATIONS		68,692		68,692		68,692				68,692	68,692
011	AGM-65D MAVERICK		282		282		282				282	282
013	AIR LAUNCH CRUISE MISSILE (ALCM)		21,762		21,762		21,762				21,762	21,762
014	SMALL DIAMETER BOMB		15,349		15,349		15,349				15,349	15,349
015	MISSILE SPARES AND REPAIR PARTS		81,607		81,607		81,607				81,607	81,607
	INITIAL SPARES/REPAIR PARTS											
	SPECIAL PROGRAMS											
030	SPECIAL UPDATE PROGRAMS		46,125		46,125		46,125				46,125	46,125
	CLASSIFIED PROGRAMS											
030A	CLASSIFIED PROGRAMS	1,519	1,009,431	1,519	1,009,431	1,519	1,009,431			1,519	1,009,431	1,009,431
	TOTAL MISSILE PROCUREMENT, AIR FORCE	1,519	2,426,621	1,519	2,426,621	1,519	2,426,621			1,519	2,415,869	2,415,869
	SPACE PROCUREMENT, AIR FORCE											
	SPACE PROGRAMS											
001	ADVANCED EHF		645,569		645,569		645,569				645,569	645,569
002	AF SATELLITE COMM SYSTEM		42,375		42,375		42,375				42,375	42,375
003	COUNTERSPACE SYSTEMS		26,984		26,984		26,984				26,984	26,984
004	FAMILY OF BEYOND LINE-OF-SIGHT TERMINALS	16	88,963	16	88,963	16	88,963			16	88,963	88,963
005	WIDEBAND GAPPILLER SATELLITES(SPACE)		86,272		116,272		86,272				86,272	86,272
	Pilot Program				[30,000]							
006	GPS III SPACE SEGMENT		34,059		34,059		34,059				34,059	34,059
007	GLOBAL POSITIONING (SPACE)		2,169		2,169		2,169				2,169	2,169
008	SPACEBORNE EQUIP (COMSEC)		46,708		46,708		46,708				46,708	46,708
009	GLOBAL POSITIONING (SPACE)		13,171		10,271		13,171				13,171	10,271
											-2,900	

SEC. 4101. PROCUREMENT
(In Thousands of Dollars)

Line	Item	FY 2017 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
	PASSENGER CARRYING VEHICLES										
001	PASSENGER CARRYING VEHICLES		14,437		14,437		14,437				14,437
	CARGO AND UTILITY VEHICLES										
002	MEDIUM TACTICAL VEHICLE		24,812		24,812		24,812				24,812
003	CAP VEHICLES		984		984		984				984
004	ITEMS LESS THAN \$5 MILLION		11,191		11,191		11,191				11,191
	SPECIAL PURPOSE VEHICLES										
005	SECURITY AND TACTICAL VEHICLES		5,361		5,361		5,361				5,361
006	ITEMS LESS THAN \$5 MILLION		4,623		4,623		4,623				4,623
	FIRE FIGHTING EQUIPMENT										
007	FIRE FIGHTING/CRASH RESCUE VEHICLES		12,451		7,451		12,451				12,451
	Program reduction				(-5,000)						
	MATERIALS HANDLING EQUIPMENT										
008	ITEMS LESS THAN \$5 MILLION		18,114		18,114		18,114				18,114
	BASE MAINTENANCE SUPPORT										
009	RUNWAY SNOW REMOV & CLEANING EQUIP		2,310		2,310		2,310				2,310
010	ITEMS LESS THAN \$5 MILLION		46,868		46,868		46,868				46,868
	COMM SECURITY EQUIPMENT(COMSEC)										
012	COMSEC EQUIPMENT		72,359		72,359		72,359				72,359
	INTELLIGENCE PROGRAMS										
014	INTELLIGENCE TRAINING EQUIPMENT		6,982		6,982		6,982				6,982
015	INTELLIGENCE COMM EQUIPMENT		30,504		30,504		35,604				30,504
	Air Force requested realignment from AFNET						(5,100)				
	ELECTRONICS PROGRAMS										
016	AIR TRAFFIC CONTROL & LANDING SYS		55,803		55,803		55,803				55,803
017	NATIONAL AIRSPACE SYSTEM		2,673		2,673		2,673				2,673
018	BATTLE CONTROL SYSTEM—FIXED		5,677		5,677		5,677				5,677
019	THEATER AIR CONTROL SYS IMPROVEMENTS		1,163		1,163		1,163				1,163
020	WEATHER OBSERVATION FORECAST		21,667		21,667		21,667				21,667
021	STRATEGIC COMMAND AND CONTROL		39,803		39,803		39,803				39,803
022	CHEYENNE MOUNTAIN COMPLEX		24,618		24,618		24,618				24,618
023	MISSION PLANNING SYSTEMS		15,868		15,868		15,868				15,868
025	INTEGRATED STRAT PLAN & ANALY NETWORK (ISPAN)		9,331		9,331		9,331				9,331

SEC. 4101. PROCUREMENT (In Thousands of Dollars)												
Line	Item	FY 2017 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized		
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	
	CLASSIFIED PROGRAMS											
070A	CLASSIFIED PROGRAMS		15,119,705		15,119,705		15,119,705				15,119,705	
	SPARES AND REPAIR PARTS											
072	SPARES AND REPAIR PARTS		15,784		15,784		15,784				15,784	
	TOTAL OTHER PROCUREMENT, AIR FORCE		17,438,056		17,438,056		17,438,056		-15,300		17,422,756	
	PROCUREMENT, DEFENSE-WIDE											
037	MAJOR EQUIPMENT, WHS	39	29,211	39	29,211	39	6,111			39	29,211	
	Mentor Protégé						[-23,100]					
036	MAJOR EQUIPMENT, NSA		4,399		4,399		4,399				4,399	
	INFORMATION SYSTEMS SECURITY PROGRAM (SSP)											
040	MAJOR EQUIPMENT, WHS		24,979		24,979		24,979				24,979	
	MAJOR EQUIPMENT, DISA											
006	INFORMATION SYSTEMS SECURITY		21,347		21,347		21,347				21,347	
007	TELEPORT PROGRAM		50,597		50,597		50,597				50,597	
008	ITEMS LESS THAN \$5 MILLION		10,420		10,420		10,420				10,420	
009	NET CENTRIC ENTERPRISE SERVICES (NCES)		1,634		1,634		1,634				1,634	
010	DEFENSE INFORMATION SYSTEM NETWORK		87,235		87,235		87,235				87,235	
011	CYBER SECURITY INITIATIVE		4,528		4,528		4,528				4,528	
012	WHITE HOUSE COMMUNICATION AGENCY		36,846		36,846		36,846				36,846	
013	SENIOR LEADERSHIP ENTERPRISE		599,391		599,391		599,391				599,391	
015	JOINT REGIONAL SECURITY STACKS (JRSS)		150,221		150,221		150,221				150,221	
017	MAJOR EQUIPMENT, DLA		2,055		2,055		2,055				2,055	
020	MAJOR EQUIPMENT, DSS		1,057		1,057		1,057				1,057	
001	MAJOR EQUIPMENT, DCAA		2,964		2,964		2,964				2,964	
038	MAJOR EQUIPMENT, TIS		7,988		7,988		7,988				7,988	
	MAJOR EQUIPMENT, MISSILE DEFENSE AGENCY											

023	THAAD	24	369,608	24	369,608	24	369,608	24	369,608
024	AEGIS BMD	35	528,801	35	463,801	35	463,801	35	528,801
	Increasing BMD capability for Aegis Ships		[65,000]						[65,000]
025	BMDs AN/TPY-2 RADARS		5,503		5,503		5,503		5,503
026	ARROW UPPER TIER		120,000						120,000
	Increase for Arrow 3 Coproduction subject to Title XVI		[120,000]						[120,000]
027	DAVID'S SLING		150,000						150,000
	Increase for DSWS Coproduction subject to Title XVI		[150,000]						[150,000]
028	AEGIS ASHORE PHASE III		82,493		57,493		57,493		57,493
	Classified adjustment		[25,000]						[25,000]
029	IRON DOME		62,000		42,000		42,000		62,000
	Increase for Coproduction of Iron Dome Tamir Interceptors		[20,000]						[20,000]
030	AEGIS BMD HARDWARE AND SOFTWARE	6	50,098	6	50,098	6	50,098	6	50,098
	subject to Title XVI								
003	PERSONNEL ADMINISTRATION		14,232		14,232		14,232		14,232
	MAJOR EQUIPMENT, DBRA								
021	VEHICLES		200		200		200		200
022	OTHER MAJOR EQUIPMENT		6,437		6,437		6,437		6,437
019	MAJOR EQUIPMENT, DODEA		288		288		288		288
	AUTOMATION/EDUCATIONAL SUPPORT & LOGISTICS								
002	MAJOR EQUIPMENT, DCMA		92		92		92		92
018	MAJOR EQUIPMENT, DMO	4	8,060	4	8,060	4	8,060	4	8,060
040A	CLASSIFIED PROGRAMS		568,864		568,864		568,864		568,864
	AVIATION PROGRAMS								
042	ROTARY WING UPGRADES AND SUSTAINMENT		150,396		168,996		168,996		150,396
	Program increase		[18,600]				[18,600]		
043	UNMANNED ISR		21,190		21,190		21,190		21,190
045	NON-STANDARD AVIATION		4,905		4,905		4,905		4,905
046	U-28		3,970		3,970		3,970		3,970
047	MH-47 CHINOOK		25,022		25,022		25,022		25,022
049	CY-22 MODIFICATION		19,008		19,008		19,008		19,008
051	MQ-9 UNMANNED AERIAL VEHICLE		10,598		10,598		10,598		10,598
	MQ-9 capability enhancements				[14,800]		[14,800]		
053	PRECISION STRIKE PACKAGE		213,122		200,022		200,022		200,072
	SOCOM requested transfer								[-13,050]
054	AC/MC-130J		73,548		86,648		86,648		86,598
	SOCOM requested transfer								[-13,050]

SEC. 4101. PROCUREMENT (In Thousands of Dollars)													
Line	Item	FY 2017 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized		Cost	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost		
055	SOCOM requested transfer				[12,100]		[13,100]					[13,050]	
	C-130 MODIFICATIONS		32,970		32,970		32,970						32,970
	SHIPBUILDING												
056	UNDERWATER SYSTEMS		37,098		37,098		37,098						37,098
	AMMUNITION PROGRAMS												
057	ORDNANCE ITEMS <\$5M		105,267		105,267		105,267						105,267
	OTHER PROCUREMENT PROGRAMS												
058	INTELLIGENCE SYSTEMS		79,963		79,963		79,963						79,963
059	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS		13,432		13,432		13,432						13,432
060	OTHER ITEMS <\$5M		66,436		66,436		66,436						66,436
061	COMBATANT CRAFT SYSTEMS		55,820		55,820		55,820						55,820
062	SPECIAL PROGRAMS		107,432		107,432		107,432						107,432
063	TACTICAL VEHICLES		67,849		67,849		67,849						67,849
064	WARRIOR SYSTEMS <\$5M		245,781		245,781		245,781						245,781
065	COMBAT MISSION REQUIREMENTS		19,566		19,566		19,566						19,566
066	GLOBAL VIDEO SURVEILLANCE ACTIVITIES		3,437		3,437		3,437						3,437
067	OPERATIONAL ENHANCEMENTS INTELLIGENCE		17,299		17,299		17,299						17,299
069	OPERATIONAL ENHANCEMENTS		219,945		219,945		219,945						219,945
	CBOP												
070	CHEMICAL BIOLOGICAL SITUATIONAL AWARENESS		148,203		148,203		148,203						148,203
071	CB PROTECTION & HAZARD MITIGATION		161,113		161,113		161,113						161,113
	TOTAL PROCUREMENT, DEFENSE-WIDE	108	4,524,918	108	4,535,618	108	4,535,218		355,000	108	4,879,918		
	JOINT URGENT OPERATIONAL NEEDS FUND												
	JOINT URGENT OPERATIONAL NEEDS FUND												
001	JOINT URGENT OPERATIONAL NEEDS FUND		99,300		[99,300]		99,300						-99,300
	Program decrease												[99,300]
	TOTAL JOINT URGENT OPERATIONAL NEEDS FUND		99,300		99,300		99,300						-99,300
	NATIONAL GUARD AND RESERVE EQUIPMENT												
	UNDISTRIBUTED												
007	MISCELLANEOUS EQUIPMENT		250,000		250,000		250,000						250,000
	Program increase												[250,000]

TOTAL NATIONAL GUARD AND RESERVE EQUIPMENT	250,000	250,000	250,000
TOTAL PROCUREMENT	27,441	101,971,592	27,491
		103,124,709	27,547
		102,434,976	50
		451,068	27,491
		102,422,660	250,000

SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS.

SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS
(In Thousands of Dollars)

Line	Item	FY 2017 Request			House Authorized			Senate Authorized			Conference Change			Conference Authorized		
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	
	AIRCRAFT PROCUREMENT, ARMY															
	MODIFICATION OF AIRCRAFT															
015	MULTI SENSOR ABN RECON (MIP)		21,400		21,400		21,400		21,400						21,400	
020	EMARSS SEMA MODS (MIP)	2	42,700	2	42,700	2	42,700	2	42,700					2	42,700	
026	RQ-7 UAV MODS		1,775		1,775		1,775		1,775						1,775	
027	UAS MODS		4,420		4,420		4,420		4,420						4,420	
	Realign APS Unit Set Requirements to Base				[-4,420]											
	GROUND SUPPORT AVIONICS															
030	CWMS		56,115		56,115		56,115		56,115						56,115	
031	CRCM		108,721		108,721		108,721		108,721						108,721	
	TOTAL AIRCRAFT PROCUREMENT, ARMY	2	235,131	2	230,711	2	235,131	2	235,131					2	235,131	
	MISSILE PROCUREMENT, ARMY															
	AIR-TO-SURFACE MISSILE SYSTEM															
004	HELIFRE SYS SUMMARY	2,570	305,830	2,570	305,830	2,570	305,830	2,570	305,830					2,570	305,830	
	ANTI-TANK/ASSAULT MISSILE SYS															
007	JAVELIN (AAWS-M) SYSTEM SUMMARY	83	15,567	83	15,567	83	15,567	83	15,567					83	15,567	
	Realign APS Unit Set Requirements to Base				[-15,567]											
008	TOW 2 SYSTEM SUMMARY	815	80,652	815	80,652	815	80,652	815	80,652					815	80,652	
	Realign APS Unit Set Requirements to Base				[-80,652]											
010	GUIDED MLRS ROCKET (GMRLS)	698	75,991	698	75,991	698	75,991	698	75,991					698	75,991	
	Realign APS Unit Set Requirements to Base				[-75,991]											
012	LETHAL MINIATURE AERIAL MISSILE SYSTEM (LMAMS)	545	51,277	545	51,277	545	51,277	545	51,277					545	51,277	
	TOTAL MISSILE PROCUREMENT, ARMY	4,711	529,317	4,711	357,107	4,711	529,317	4,711	529,317					4,711	529,317	
	PROCUREMENT OF W&TCV, ARMY															
	MODIFICATION OF TRACKED COMBAT VEHICLES															

SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS
(In Thousands of Dollars)

Line	Item	FY 2017 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
007	PALADIN INTEGRATED MANAGEMENT (PIM)	12	125,184	12	125,184	12	125,184			12	125,184
	Realign APS Unit Set Requirements to Base				[-125,184]						
009	ASSAULT BRIDGE (MOB)		5,950		5,950		5,950				5,950
	Realign APS Unit Set Requirements to Base				[-5,950]						
014	ABRAMS UPGRADE PROGRAM								72,000		72,000
	Army requested realignment (ERI)				[172,200]				[172,000]		
	Realign APS Unit Set Requirements to Base				[-172,200]				[-100,000]		
017	WEAPONS & OTHER COMBAT VEHICLES										
	MORTAR SYSTEMS		22,410		22,410		22,410				22,410
036	SUPPORT EQUIPMENT & FACILITIES										
	BRADLEY PROGRAM										
	Army requested realignment (ERI)				[72,800]						72,800
	Realign APS Unit Set Requirements to Base				[-72,800]						[72,800]
	TOTAL PROCUREMENT OF W&TCY, ARMY	12	153,544	12	22,410	12	153,544		144,800	12	298,344
	PROCUREMENT OF AMMUNITION, ARMY										
	SMALL/MEDIUM CAL AMMUNITION										
002	CTG, 7.62MM, ALL TYPES		9,642				9,642				9,642
	Realign APS Unit Set Requirements to Base				[-9,642]						
004	CTG, .50 CAL, ALL TYPES		6,607		609		6,607				6,607
	Realign APS Unit Set Requirements to Base				[-5,998]						
005	CTG, 20MM, ALL TYPES		1,077				1,077				1,077
	Realign APS Unit Set Requirements to Base				[-1,077]						
006	CTG, 25MM, ALL TYPES		28,534				28,534				28,534
	Realign APS Unit Set Requirements to Base				[-28,534]						
007	CTG, 30MM, ALL TYPES		20,000		20,000		20,000				20,000
008	CTG, 40MM, ALL TYPES		7,423		7,423		7,423				7,423
	Realign APS Unit Set Requirements to Base				[-7,423]						
	MORTAR AMMUNITION										
009	60MM MORTAR, ALL TYPES		10,000		10,000		10,000				10,000
010	81MM MORTAR, ALL TYPES		2,677		2,677		2,677				2,677
	Realign APS Unit Set Requirements to Base				[-2,677]						
	TANK AMMUNITION										

012	CARTRIDGES, TANK, 105MM AND 120MM, ALL TYPES Realign APS Unit Set Requirements to Base	8,999	[-8,999]	8,999	8,999
	ARTILLERY AMMUNITION				
014	ARTILLERY PROJECTILE, 155MM, ALL TYPES Realign APS Unit Set Requirements to Base	30,348	10,000 [-20,348]	30,348	30,348
015	PROJ 155MM EXTENDED RANGE M982 Realign APS Unit Set Requirements to Base	140	[-140]	140	140
016	ARTILLERY PROPELLANTS, FUZES AND PRIMERS, ALL Realign APS Unit Set Requirements to Base	29,655	5,000 [-24,655]	29,655	29,655
	MINES				
017	MINES & CLEARING CHARGES, ALL TYPES Realign APS Unit Set Requirements to Base	16,866	[-16,866]	16,866	16,866
	NETWORKED MUNITIONS				
018	SPIDER NETWORK MUNITIONS, ALL TYPES Early to need Realign APS Unit Set Requirements to Base	10,353	[-10,353]	[-10,353]	10,353
	ROCKETS				
019	SHOULDER LAUNCHED MUNITIONS, ALL TYPES Realign APS Unit Set Requirements to Base	63,210	[-63,210]	63,210	63,210
020	ROCKET, HYDRA 70, ALL TYPES Realign APS Unit Set Requirements to Base	42,851	42,851	42,851	42,851
	OTHER AMMUNITION				
022	DEMOLITION MUNITIONS, ALL TYPES Realign APS Unit Set Requirements to Base	6,373	[-6,373]	6,373	6,373
023	GRENADES, ALL TYPES Realign APS Unit Set Requirements to Base	4,143	[-4,143]	4,143	4,143
024	SIGNALS, ALL TYPES Realign APS Unit Set Requirements to Base	1,852	[-1,852]	1,852	1,852
	MISCELLANEOUS				
027	NON-LETHAL AMMUNITION, ALL TYPES Realign APS Unit Set Requirements to Base	773	[-773]	773	773
	TOTAL PROCUREMENT OF AMMUNITION, ARMY	301,523	88,460	291,170	301,523
	OTHER PROCUREMENT, ARMY				
	TACTICAL VEHICLES				
002	SEMITRAILERS, FLATBED: Realign APS Unit Set Requirements to Base	4,180	[-4,180]	4,180	4,180
008	FAMILY OF MEDIUM TACTICAL VEH (FMIV) Realign APS Unit Set Requirements to Base	643	[-147,476]	147,476	147,476
010	FAMILY OF HEAVY TACTICAL VEHICLES (FHTV) Realign APS Unit Set Requirements to Base	51	[-6,122]	6,122	6,122

SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS
(In Thousands of Dollars)

Line	Item	FY 2017 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
011	PLS ESP		106,358		106,358		106,358				106,358
	Realign APS Unit Set Requirements to Base				[-106,358]						
012	HVY EXPANDED MOBILE TACTICAL TRUCK EXT SERV		203,766		203,766		203,766				203,766
	Realign APS Unit Set Requirements to Base				[-76,561]						
013	TACTICAL WHEELED VEHICLE PROTECTION KITS		101,154		101,154		101,154				101,154
	Realign APS Unit Set Requirements to Base				[-27,119]						
014	MODIFICATION OF IN SVC EQUIP		155,456		155,456		155,456				155,456
	Realign APS Unit Set Requirements to Base				[-3,456]						
	COMM—JOINT COMMUNICATIONS										
019	WIN-T—GROUND FORCES TACTICAL NETWORK		9,572		3,000		9,572				9,572
	Realign APS Unit Set Requirements to Base				[-6,572]						
	COMM—SATELLITE COMMUNICATIONS										
025	SHF TERM		24,000		24,000		24,000				24,000
	Realign APS Unit Set Requirements to Base				[-24,000]						
	COMM—INTELLIGENCE COMM										
047	CI AUTOMATION ARCHITECTURE		1,550		1,550		1,550				1,550
051	COMMUNICATIONS SECURITY (COMSEC)		1,928		1,928		1,928				1,928
	Realign APS Unit Set Requirements to Base				[-1,928]						
052	DEFENSIVE CYBER OPERATIONS		26,500		26,500		26,500				26,500
	Realign APS Unit Set Requirements to Base				[-26,500]						
	COMM—BASE COMMUNICATIONS										
056	INSTALLATION INFO INFRASTRUCTURE MOD PROGRAM		20,510		20,510		20,510				20,510
	ELECT EQUIP—TACT INT REL ACT (TIARA)										
062	DCGS-A (MIP)		33,032		33,032		33,032				33,032
064	TROJAN (MIP)		3,305		3,145		3,305				3,305
	Realign APS Unit Set Requirements to Base				[-160]						
066	CI HUMINT AUTO REPRING AND COLLICHRCS)		7,233		7,233		7,233				7,233
069	BIOMETRIC TACTICAL COLLECTION DEVICES (MIP)		5,670		5,670		5,670				5,670
	ELECT EQUIP—ELECTRONIC WARFARE (EW)										
070	LIGHTWEIGHT COUNTER MORTAR RADAR		25,892		25,892		25,892				25,892
	Realign APS Unit Set Requirements to Base				[-25,892]						
074	FAMILY OF PERSISTENT SURVEILLANCE CAPABILITY		11,610		11,610		11,610				11,610
075	COUNTERINTELLIGENCE/SECURITY COUNTERMEASURES		23,890		23,890		23,890				23,890

080	ELECT EQUIP—TACTICAL SURV. (TAC SURV) INDIRECT FIRE PROTECTION FAMILY OF SYSTEMS Realign APS Unit Set Requirements to Base	76,270	72,000	76,270	76,270		76,270
089	MORTAR FIRE CONTROL SYSTEM Realign APS Unit Set Requirements to Base	2,572	2,282	2,572	2,572		2,572
092	ELECT EQUIP—TACTICAL C2 SYSTEMS AIR & MSL DEFENSE PLANNING & CONTROL SYS Realign APS Unit Set Requirements to Base	69,958	69,958	69,958	69,958	31	69,958
102	ELECT EQUIP—AUTOMATION AUTOMATED DATA PROCESSING EQUIP	9,900	9,900	9,900	9,900		9,900
108	ELECT EQUIP—AUDIO VISUAL SYS (A/V) ITEMS LESS THAN \$5M (SURVEYING EQUIPMENT) Realign APS Unit Set Requirements to Base	96	96	96	96		96
114	CHEMICAL DEFENSIVE EQUIPMENT CBRN DEFENSE Realign APS Unit Set Requirements to Base	1,841	1,841	1,841	1,841		1,841
115	BRIDGING EQUIPMENT TACTICAL BRIDGING Realign APS Unit Set Requirements to Base	26,000	26,000	26,000	26,000		26,000
124	ENGINEER (NON-CONSTRUCTION) EQUIPMENT ROBOTICS AND APPLIQUE SYSTEMS Realign APS Unit Set Requirements to Base	268	268	268	268		268
128	FAMILY OF BOATS AND MOTORS Realign APS Unit Set Requirements to Base	280	280	280	280		280
129	COMBAT SERVICE SUPPORT EQUIPMENT HEATERS AND ECUs Realign APS Unit Set Requirements to Base	894	894	894	894		894
134	FORCE PROVIDER Realign APS Unit Set Requirements to Base	53,800	53,800	53,800	53,800		53,800
135	FIELD FEEDING EQUIPMENT Realign APS Unit Set Requirements to Base	2,665	2,665	2,665	2,665		2,665
136	CARGO AERIAL DEL & PERSONNEL PARACHUTE SYSTEM Realign APS Unit Set Requirements to Base	2,400	2,400	2,400	2,400		2,400
137	FAMILY OF ENGR COMBAT AND CONSTRUCTION SETS Realign APS Unit Set Requirements to Base	9,789	9,789	9,789	9,789		9,789
138	ITEMS LESS THAN \$5M (ENG SPT) Realign APS Unit Set Requirements to Base	300	300	300	300		300
139	PETROLEUM EQUIPMENT QUALITY SURVEILLANCE EQUIPMENT Realign APS Unit Set Requirements to Base	4,800	4,800	4,800	4,800		4,800
140	DISTRIBUTION SYSTEMS, PETROLEUM & WATER Realign APS Unit Set Requirements to Base	78,240	78,240	78,240	78,240	174	78,240

SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS
(In Thousands of Dollars)

Line	Item	FY 2017 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
141	MEDICAL EQUIPMENT		5,763				5,763				5,763
	COMBAT SUPPORT MEDICAL				[-5,763]						
	Realign APS Unit Set Requirements to Base										
142	MAINTENANCE EQUIPMENT		1,609				1,609				1,609
	MOBILE MAINTENANCE EQUIPMENT SYSTEMS				[-1,609]						
	Realign APS Unit Set Requirements to Base										
143	ITEMS LESS THAN \$5.0M (MAINT EQ)		145				145				145
	Realign APS Unit Set Requirements to Base				[-145]						
144	CONSTRUCTION EQUIPMENT		3,047				3,047				3,047
	GRADER, ROAD (MTZD, HYV, 6X4 (CCE)				[-3,047]						
	Realign APS Unit Set Requirements to Base										
148	TRACTOR, FULL TRACKED		4,426				4,426				4,426
	Realign APS Unit Set Requirements to Base				[-4,426]						
151	HIGH MOBILITY ENGINEER EXCAVATOR (HMEE)		2,900				2,900				2,900
	Realign APS Unit Set Requirements to Base				[-2,900]						
155	ITEMS LESS THAN \$5.0M (CONST EQUIP)		96				96				96
	Realign APS Unit Set Requirements to Base				[-96]						
158	GENERATORS		21,861				21,861				21,861
	GENERATORS AND ASSOCIATED EQUIP				1,900						
	Realign APS Unit Set Requirements to Base				[-19,961]						
160	MATERIAL HANDLING EQUIPMENT		846				846				846
	FAMILY OF FORKLIFTS										
	Realign APS Unit Set Requirements to Base				[-846]						
168	TEST MEASURE AND DIG EQUIPMENT (TMD)		1,140				1,140				1,140
	TEST EQUIPMENT MODERNIZATION (TEMOD)										
	Realign APS Unit Set Requirements to Base				[-1,140]						
170	OTHER SUPPORT EQUIPMENT		8,500				8,500				8,500
	RAPID EQUIPPING SOLDIER SUPPORT EQUIPMENT				697,582						
	TOTAL OTHER PROCUREMENT, ARMY	889	1,309,610	889	697,582	889	1,309,610			889	1,309,610
001	JOINT IMPROVED-THREAT DEFEAT FUND										
	NETWORK ATTACK										
	RAPID ACQUISITION AND THREAT RESPONSE		332,000		307,000		332,000				332,000

SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS
(In Thousands of Dollars)

Line	Item	FY 2017 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
024	DEMOLITION MUNITIONS, ALL TYPES		261		261		261				261
025	FUZE, ALL TYPES		217		217		217				217
	TOTAL PROCUREMENT OF AMMO, NAVY & MC		66,229		66,229		66,229				66,229
081	OTHER PROCUREMENT, NAVY										
	OTHER SHORE ELECTRONIC EQUIPMENT										
	DCGS-N		12,000		12,000		12,000				12,000
116	OTHER ORDNANCE SUPPORT EQUIPMENT										
	EXPLOSIVE ORDNANCE DISPOSAL EQUIP		40,000		40,000		40,000				40,000
124	CIVIL ENGINEERING SUPPORT EQUIPMENT										
	FIRE FIGHTING EQUIPMENT		630		630		630				630
133	SUPPLY SUPPORT EQUIPMENT										
	FIRST DESTINATION TRANSPORTATION		25		25		25				25
137	COMMAND SUPPORT EQUIPMENT										
	COMMAND SUPPORT EQUIPMENT		10,562		10,562		10,562				10,562
139	MEDICAL SUPPORT EQUIPMENT										
	MEDICAL SUPPORT EQUIPMENT		5,000		5,000		5,000				5,000
150A	CLASSIFIED PROGRAMS										
	CLASSIFIED PROGRAMS		1,660		1,660		1,660				1,660
	TOTAL OTHER PROCUREMENT, NAVY		69,877		69,877		69,877				69,877
	PROCUREMENT, MARINE CORPS										
	ARTILLERY AND OTHER WEAPONS										
006	WEAPONS AND COMBAT VEHICLES UNDER \$5 MILLION		572		572		572				572
010	GUIDED MISSILES										
	JAVELIN	9	1,606	9	1,606	9	1,606			9	1,606
018	OTHER SUPPORT (TEL)										
	MODIFICATION KITS		2,600		2,600		2,600				2,600
019	COMMAND AND CONTROL SYSTEM (NON-TEL)										
	ITEMS UNDER \$5 MILLION (COMM & ELEC)		2,200		2,200		2,200				2,200
026	INTELL/COMM EQUIPMENT (NON-TEL)										
	INTELLIGENCE SUPPORT EQUIPMENT		20,981		20,981		20,981				20,981
029	OTHER SUPPORT (NON-TEL)										
	RO-11 UAV		3,817		3,817		3,817				3,817

035	COMMON COMPUTER RESOURCES	2,600			2,600				2,600	
037	RADIO SYSTEMS	9,563			9,563				9,563	
	ENGINEER AND OTHER EQUIPMENT									
053	EOD SYSTEMS	75,000			75,000				75,000	
	TOTAL PROCUREMENT, MARINE CORPS	9	118,939	9	118,939	9	118,939	9	118,939	9
	AIRCRAFT PROCUREMENT, AIR FORCE									
	OTHER AIRLIFT									
004	C-130J	1	73,000	1	73,000	1	73,000	1	73,000	1
	OTHER AIRCRAFT									
015	MQ-9	12	273,600	12	273,600	12	273,600	12	273,600	12
	Air Force requested transfer to line 61 for spares									
	STRATEGIC AIRCRAFT									
019	LARGE AIRCRAFT INFRARED COUNTERMEASURES		135,801		135,801		135,801		135,801	
	TACTICAL AIRCRAFT									
020	A-10		23,850		23,850		23,850		23,850	
	OTHER AIRCRAFT									
047	E-3		6,600		6,600		6,600		6,600	
056	HC/MC-130 MODIFICATIONS		13,550		13,550		13,550		13,550	
057	OTHER AIRCRAFT		7,500		7,500		7,500		7,500	
059	MQ-9 MODS		112,068		112,068		112,068		112,068	
	AIRCRAFT SPARES AND REPAIR PARTS									
061	INITIAL SPARES/REPAIR PARTS		25,600		25,600		25,600		25,600	
	Air Force requested transfer from line 15 for spares									
	Compass Call Program Restructure									
	OTHER PRODUCTION CHARGES									
077	OTHER PRODUCTION CHARGES									
	TOTAL AIRCRAFT PROCUREMENT, AIR FORCE	13	679,969	13	679,969	13	679,969	13	679,969	13
	MISSILE PROCUREMENT, AIR FORCE									
	TACTICAL									
006	PREDATOR HELLFIRE MISSILE	1,252	145,125	1,252	145,125	1,252	145,125	1,252	145,125	1,252
	CLASS IV									
011	AGM-65D MAVERICK		9,720		9,720		9,720		9,720	
	TOTAL MISSILE PROCUREMENT, AIR FORCE	1,252	154,845	1,252	154,845	1,252	154,845	1,252	154,845	1,252
	PROCUREMENT OF AMMUNITION, AIR FORCE									
	CARTRIDGES									
002	CARTRIDGES		9,830		9,830		9,830		9,830	
	BOMBS									

SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS
(In Thousands of Dollars)

Line	Item	FY 2017 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
004	GENERAL PURPOSE BOMBS		7,921		7,921		7,921				7,921
006	JOINT DIRECT ATTACK MUNITION	6,033	140,126	6,033	140,126	6,033	140,126		-9,250	6,033	130,876
	Pricing adjustment								[-9,250]		
012	FLARES		6,531		6,531		6,531				6,531
	TOTAL PROCUREMENT OF AMMUNITION, AIR FORCE	6,033	164,408	6,033	164,408	6,033	164,408		-9,250	6,033	155,158
	OTHER PROCUREMENT, AIR FORCE										
	PASSENGER CARRYING VEHICLES										
001	PASSENGER CARRYING VEHICLES		2,003		2,003		2,003				2,003
002	CARGO AND UTILITY VEHICLES		9,066		9,066		9,066				9,066
004	MEDIUM TACTICAL VEHICLE		12,264		12,264		12,264				12,264
	ITEMS LESS THAN \$5 MILLION										
006	SPECIAL PURPOSE VEHICLES										
	ITEMS LESS THAN \$5 MILLION		16,789		16,789		16,789				16,789
007	FIRE FIGHTING EQUIPMENT										
	FIRE FIGHTING/CRASS RESCUE VEHICLES		48,590		48,590		48,590				48,590
008	MATERIALS HANDLING EQUIPMENT										
	ITEMS LESS THAN \$5 MILLION		2,366		2,366		2,366				2,366
009	BASE MAINTENANCE SUPPORT										
	RUNWAY SNOW REMOV & CLEANING EQUIP		6,468		6,468		6,468				6,468
010	ELECTRONICS PROGRAMS										
	ITEMS LESS THAN \$5 MILLION		9,271		9,271		9,271				9,271
016	AIR TRAFFIC CONTROL & LANDING SYS										
	SPCL COMM-ELECTRONICS PROJECTS		42,650		42,650		42,650				42,650
029	AIR FORCE PHYSICAL SECURITY SYSTEM										
033	C3 COUNTERMEASURES		7,500		7,500		7,500				7,500
	ORGANIZATION AND BASE		620		620		620				620
052	TACTICAL C-E EQUIPMENT		8,100		8,100		8,100				8,100
	MODIFICATIONS										
056	COMM ELECT MODS		3,800		3,800		3,800				3,800
061	BASE SUPPORT EQUIPMENT										
	ENGINEERING AND EOD EQUIPMENT		53,900		53,900		53,900				53,900

SPECIAL SUPPORT PROJECTS									
067	D655-AF	800	800	800	800				800
CLASSIFIED PROGRAMS									
070A	CLASSIFIED PROGRAMS	3,609,978	3,609,978	3,609,978	3,609,978				3,609,978
	TOTAL OTHER PROCUREMENT, AIR FORCE	3,834,165	3,834,165	3,834,165	3,834,165				3,834,165
PROCUREMENT, DEFENSE-WIDE									
MAJOR EQUIPMENT, DISA									
007	TELEPORT PROGRAM	1,900	1,900	1,900	1,900				1,900
CLASSIFIED PROGRAMS									
040A	CLASSIFIED PROGRAMS	32,482	32,482	32,482	32,482				32,482
AVIATION PROGRAMS									
041	MC-12	5,000	5,000	5,000	5,000				5,000
043	UNMANNED ISR	11,880	11,880	11,880	11,880				11,880
046	U-28	38,283	38,283	38,283	38,283				38,283
AMMUNITION PROGRAMS									
057	ORDNANCE ITEMS <\$5M	52,504	52,504	52,504	52,504				52,504
OTHER PROCUREMENT PROGRAMS									
058	INTELLIGENCE SYSTEMS	22,000	22,000	22,000	22,000				22,000
060	OTHER ITEMS <\$5M	11,580	11,580	11,580	11,580				11,580
062	SPECIAL PROGRAMS	13,549	13,549	13,549	13,549				13,549
063	TACTICAL VEHICLES	3,200	3,200	3,200	3,200				3,200
069	OPERATIONAL ENHANCEMENTS	42,056	42,056	42,056	42,056				42,056
	Classified adjustment							-19,250	22,806
								[-19,250]	
	TOTAL PROCUREMENT, DEFENSE-WIDE	234,434	234,434	234,434	234,434			-19,250	215,184
	TOTAL PROCUREMENT	13,037	8,614,221	13,037	8,603,868	13,037	90,700	13,037	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)

Line	Item	FY 2017 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
003	AIRCRAFT PROCUREMENT, ARMY FIXED WING MQ-1 UAV						95,100				

SEC. 4103. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS FOR BASE REQUIREMENTS
(In Thousands of Dollars)

Line	Item	FY 2017 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
	Army unfunded requirement				[95,100]						
	ROTARY										
	HELICOPTER, LIGHT UTILITY (LUH)			17	110,000						
	Army unfunded requirement (ARI)			[17]	[110,000]						
005	AH-64 APACHE BLOCK IIIA REMAN	4	78,040	4	78,040	4	78,040			4	78,040
007	ADVANCE PROCUREMENT (CY)			10	72,900						
	Army unfunded requirement (ARI)			[10]	[72,900]						
007A	AH-64 APACHE BLOCK IIIA NEW BUILD			5	190,000						
	Army unfunded requirement (ARI)			[5]	[190,000]						
008	UH-60 BLACKHAWK M MODEL (MYP)			36	440,200						
	Army unfunded requirement (ARI)			[36]	[440,200]						
	MODIFICATION OF AIRCRAFT										
017	CH-47 CARGO HELICOPTER MODS (MYP)				102,000						
	Army unfunded requirement (ARI)				[102,000]						
	GROUND SUPPORT AVIONICS										
028	AIRCRAFT SURVIVABILITY EQUIPMENT				22,000						
	Army unfunded requirement-modernized warning system (ARI)				[22,000]						
029	SURVIVABILITY CM				28,000						
	Army unfunded requirement-assured PNT (ARI)				[28,000]						
	TOTAL AIRCRAFT PROCUREMENT, ARMY	4	78,040	72	1,138,240	4	78,040			4	78,040
	MISSILE PROCUREMENT, ARMY										
004	AIR-TO-SURFACE MISSILE SYSTEM			1,485	150,000	1,485	150,000			1,485	150,000
	HELLFIRE SYS SUMMARY										
007	ANTI-TANK/ASSAULT MISSILE SYS			591	104,200						104,200
	JAVELIN (AAMS-M) SYSTEM SUMMARY			[591]	[104,200]						[104,200]
	Army unfunded requirement			1,158	76,000						76,000
010	GUIDED MLRS ROCKET (GMLRS)			[1,158]	[76,000]						[76,000]
	Army unfunded requirement										
	MODIFICATIONS										
014	ATACMS MODS			17	15,900						15,900
	Army unfunded requirement			[17]	[15,900]						[15,900]

		1,485	150,000	3,251	346,100	1,485	150,000	196,100	1,485	346,100
	TOTAL MISSILE PROCUREMENT, ARMY									
	PROCUREMENT OF W&TCV, ARMY									
	MODIFICATION OF TRACKED COMBAT VEHICLES									
008	IMPROVED RECOVERY VEHICLE (M88A2 HERCULES)	16			72,000					
	Army unfunded requirement	[16]			(72,000)					
013	M1 ABRAMS TANK (M0D)				140,000					
	Army unfunded requirement—Industrial base risk mitigation				(60,000)					
	Army unfunded requirement—Vehicle APS				(80,000)					
	UNDISTRIBUTED									
036A	UNDISTRIBUTED				55,100					
	Additional funding to support increase in Army end strength				(55,100)					
	TOTAL PROCUREMENT OF W&TCV, ARMY	16			267,100					
	PROCUREMENT OF AMMUNITION, ARMY									
	SMALL/MEDIUM CAL AMMUNITION									
001	CTG, 5.56MM, ALL TYPES				4,000			4,000		4,000
	Army unfunded requirement				(4,000)			(4,000)		(4,000)
002	CTG, 7.62MM, ALL TYPES				14,000			14,000		14,000
	Army unfunded requirement				(14,000)			(14,000)		(14,000)
003	CTG, HANDGUN, ALL TYPES				9,000			9,000		9,000
	Army unfunded requirement				(9,000)			(9,000)		(9,000)
004	CTG, .50 CAL, ALL TYPES				21,000			20,000		20,000
	Army unfunded requirement				(21,000)			(20,000)		(20,000)
005	CTG, 20MM, ALL TYPES				14,000			14,000		14,000
	Army unfunded requirement				(14,000)			(14,000)		(14,000)
007	CTG, 30MM, ALL TYPES				8,200			8,200		8,200
	Army unfunded requirement				(8,200)			(8,200)		(8,200)
	MORTAR AMMUNITION									
011	120MM MORTAR, ALL TYPES				30,000			30,000		30,000
	Army unfunded requirement				(30,000)			(30,000)		(30,000)
012	TANK AMMUNITION									
	CARTRIDGES, TANK, 105MM AND 120MM, ALL TYPES				35,000			35,000		35,000
	Army unfunded requirement				(35,000)			(35,000)		(35,000)
015	ARTILLERY AMMUNITION									
	PROJ 155MM EXTENDED RANGE M982	332			23,500			23,500		23,500
	Army unfunded requirement	[332]			(23,500)			(23,500)		(23,500)
016	ARTILLERY PROPELLANTS, FUZES AND PRIMERS, ALL				10,000			10,000		10,000
	Army unfunded requirement				(10,000)			(10,000)		(10,000)
	ROCKETS									

SEC. 4103. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS FOR BASE REQUIREMENTS
(In Thousands of Dollars)

Line	Item	FY 2017 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
019	SHOULDER LAUNCHED MUNITIONS, ALL TYPES				30,000		30,000				30,000
	Army unfunded requirement				(30,000)		(30,000)				
020	ROCKET, HYDRA 70, ALL TYPES			44,606	42,500		42,500	44,606	42,500	44,606	42,500
	Army unfunded requirement			[44,106]	[27,500]		[27,500]	[44,106]	[27,500]		
	Army unfunded requirement- guided hydra rockets			[500]	[15,000]		[15,000]	[500]	[15,000]		
034A	UNDISTRIBUTED				46,500		46,500				
	Additional funding to support increase in Army end strength				(46,500)		(46,500)				
	TOTAL PROCUREMENT OF AMMUNITION, ARMY			44,938	287,700		287,700	44,938	240,200	44,938	240,200
	OTHER PROCUREMENT, ARMY										
	TACTICAL VEHICLES										
008	FAMILY OF MEDIUM TACTICAL VEH (FMTV)	449	152,000	449	152,000	449	152,000			449	152,000
019	COMM—JOINT COMMUNICATIONS										
	WIN-T—GROUND FORCES TACTICAL NETWORK				80,000		80,000				
	BBA Restoration—2BCTS - Increment 2				[80,000]		[80,000]				
080	ELECT EQUIP—TACTICAL SURV. (TAC SURV)				8,400		8,400				
	INDIRECT FIRE PROTECTION FAMILY OF SYSTEMS				[8,400]		[8,400]				
	Army unfunded requirement- CRAM Upgrades and MODS										
158	GENERATORS				9,900		9,900				9,900
	GENERATORS AND ASSOCIATED EQUIP				9,900		9,900				
180	UNDISTRIBUTED				18,400		18,400				
	Additional funding to support increase in Army end strength				[18,400]		[18,400]				
	TOTAL OTHER PROCUREMENT, ARMY	449	161,900	449	268,700	449	161,900			449	161,900
	JOINT IMPROVED-THREAT DEFEAT FUND										
	NETWORK ATTACK										
001	RAPID ACQUISITION AND THREAT RESPONSE				113,272		113,272				113,272
	Army unfunded requirement				[113,272]		[113,272]				
	TOTAL JOINT IMPROVED-THREAT DEFEAT FUND				113,272		113,272				113,272
	AIRCRAFT PROCUREMENT, NAVY										
	COMBAT AIRCRAFT										

002	FA-18EF (FIGHTER) HORNET	14	1,400,000			
	Navy unfunded requirement	[14]	[1,400,000]			
003	JOINT STRIKE FIGHTER CV	4	540,000			
	Marine Corps unfunded requirement	[2]	[270,000]			
	Navy unfunded requirement	[2]	[270,000]			
005	JSF STOVL	2	254,200			
	Marine Corps unfunded requirement	[2]	[254,200]			
009	V-22 (MEDIUM LIFT)	2	150,000			
	Marine Corps unfunded requirement	[2]	[150,000]			
011	H-1 UPGRADES (UH-1Y/AH-1Z)	2	57,000			
	Marine Corps unfunded requirement- AH-1Zs	[2]	[57,000]			
019A	AIRLIFT AIRCRAFT					
	C-40A	4	415,000			
	Marine Corps unfunded requirement	[2]	[207,500]			
	Navy unfunded requirement	[2]	[207,500]			
	OTHER AIRCRAFT					
023	MQ-4 TRITON	1	95,000			
	Additional system—ISR shortfalls	[1]	[95,000]			
025	MQ-8 UAV	4	47,500			
	Scope increase	[4]	[47,500]			
034	MODIFICATION OF AIRCRAFT					
	H-53 SERIES		16,100			
	Accelerate readiness improvement		[2,800]			
	Marine Corps unfunded requirement- degraded visual environment		[13,300]			
035	SH-60 SERIES		3,000		3,000	3,000
036	H-1 SERIES		27,140		3,740	3,740
051	Accelerate readiness improvement		[23,400]			
059	COMMON ECM EQUIPMENT		27,460		27,460	27,460
	V-22 (TILT/ROTOR ACFT) OSPREY		39,300			
	Marine Corps unfunded requirement- SPMAGTF- C4 UUNS		[39,300]			
063	AIRCRAFT SPARES AND REPAIR PARTS					
	SPARES AND REPAIR PARTS		140,300			
	KC-130J spares		[36,000]			
	Marine Corps unfunded requirement- F35 B spares		[91,000]			
	Marine Corps unfunded requirement- F35 C spares		[13,300]			
	TOTAL AIRCRAFT PROCUREMENT, NAVY	33	3,212,000		34,200	34,200
	WEAPONS PROCUREMENT, NAVY					
	STRATEGIC MISSILES					

SEC. 4103. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS FOR BASE REQUIREMENTS
(In Thousands of Dollars)

Line	Item	FY 2017 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
003	TOMAHAWK			98	76,000				84,200		84,200
	Scope Increase			[98]	[76,000]				[84,200]		
	TACTICAL MISSILES										
005	SEAWINDER			75	33,000			75	33,000	75	33,000
	Navy unfunded requirement			[75]	[33,000]			[75]	[33,000]		
015A	LCS OVER-THE-HORIZON MISSILE			8	18,100						
	Navy unfunded requirement			[8]	[18,100]						
	TOTAL WEAPONS PROCUREMENT, NAVY			181	127,100			75	117,200	75	117,200
	PROCUREMENT OF AMMO, NAVY & MC										
	NAVY AMMUNITION										
001	GENERAL PURPOSE BOMBS				58,000				58,000		58,000
	Navy unfunded requirement—JDAM components				[58,000]				[58,000]		
	MARINE CORPS AMMUNITION										
023	ARTILLERY, ALL TYPES								19,200		19,200
	Marine Corps unfunded requirement- GMLRS AW munitions								[19,200]		
	TOTAL PROCUREMENT OF AMMO, NAVY & MC				58,000				77,200		77,200
	SHIPBUILDING AND CONVERSION, NAVY										
	OTHER WARSHIPS										
003	ADVANCE PROCUREMENT (CY)				263,000						
	Advance Procurement for CVN-81				[263,000]						
005	ADVANCE PROCUREMENT (CY)				85,000						
	Long-lead Time Materiel Orders				[85,000]						
009	DDG-51			1	433,000						
	Scope Increase			[1]	[433,000]						
011	LITTORAL COMBAT SHIP			1	384,700						
	Scope Increase			[1]	[384,700]						
	AMPHIBIOUS SHIPS										
012A	AMPHIBIOUS SHIP REPLACEMENT LX(R)			1	856,000						
	Procurement of LPD-29 or LX (R)			[1]	[856,000]						
	AUXILIARIES, CRAFT AND PRIOR YR PROGRAM COST										
026	SHIP TO SHORE CONNECTOR			3	165,000						

028	Scope Increase	[3]	[165,000]		
	LCAC SLEP	4	80,300		
	Scope Increase	[4]	[80,300]		
	TOTAL SHIPBUILDING AND CONVERSION, NAVY	10	2,267,000		
	OTHER PROCUREMENT, NAVY				
009	OTHER SHIPBOARD EQUIPMENT				
	DDG MOD	1	65,000		
	Scope Increase	[1]	[65,000]		
	SMALL BOATS				
032	STANDARD BOATS		20,000		
	Program Acceleration		[20,000]		
	OTHER SHIP SUPPORT				
039A	LCS LAUNCHER	2	24,900		
	Navy unfunded requirement	[2]	[24,900]		
104	AIRCRAFT SUPPORT EQUIPMENT		9,000		
	WEAPONS RANGE SUPPORT EQUIPMENT		[9,000]		
	Navy unfunded requirement—Barking Sands Tactical Under-water Range.				
116	OTHER ORDNANCE SUPPORT EQUIPMENT		59,329		
	EXPLOSIVE ORDNANCE DISPOSAL EQUIP		59,329		
	TOTAL OTHER PROCUREMENT, NAVY	3	178,229		
				59,329	59,329
				59,329	59,329
	PROCUREMENT, MARINE CORPS				
	ARTILLERY AND OTHER WEAPONS				
004	155MM LIGHTWEIGHT TOWED HOWITZER		14,000		
	Marine Corps unfunded requirement- chrome tubes		[14,000]		
005	HIGH MOBILITY ARTILLERY ROCKET SYSTEM		19,200		
	Program Increase- 148 additional GM/RS		[19,200]		
036	OTHER SUPPORT (NON-TEL)		40,800		
	COMMAND POST SYSTEMS		[40,800]		
	Marine Corps unfunded requirement- SPMAGTF—C4 UUNS		74,000		
	TOTAL PROCUREMENT, MARINE CORPS				
	AIRCRAFT PROCUREMENT, AIR FORCE				
	TACTICAL FORCES				
001	F-35	5	690,500		
	Air Force unfunded requirement	[5]	[690,500]		
004	OTHER AIRLIFT				
	C-130J	3	271,500		

SEC. 4103. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS FOR BASE REQUIREMENTS
(In Thousands of Dollars)

Line	Item	FY 2017 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
	Scope increase			[3]	[271,500]						
	HELICOPTERS										
010	UH-1H REPLACEMENT				80,000						
	Program increase to address urgent need				[80,000]						
	OTHER AIRCRAFT										
015	MQ-9	12	179,430	12	179,430	12	179,430			12	179,430
015A	EC-130H			1	103,000						
	Scope increase			[1]	[103,000]						
	TACTICAL AIRCRAFT										
020	A-10				218,500						
	A-10 wing upgrades				[120,000]						
	Air Force unfunded requirement- A-10 antijam GPS				[10,300]						
	Air Force unfunded requirement- A-10 situation awareness upgrade kits				[23,200]						
	Air Force unfunded requirement- ASE radar warning receiver upgrades				[65,000]						
021	F-15				60,400						
	Air Force unfunded requirement- ASE radar warning receiver upgrades				[60,400]						
022	F-16				187,500						
	Air Force unfunded requirement- antijam GPS				[5,000]						
	Air Force unfunded requirement- missile warning system				[12,000]						
	Air Force unfunded requirement- radar warning receiver upgrades				[170,500]						
	OTHER AIRCRAFT										
049	E-8			2	17,500						
	Additional 2 PME-DMS kits			[2]	[17,500]						
054	H-60				70,700						
	Air Force unfunded requirement- ASE radar warning receivers				[70,700]						
	TOTAL AIRCRAFT PROCUREMENT, AIR FORCE	12	179,430	23	1,879,030	12	179,430			12	179,430
	MISSILE PROCUREMENT, AIR FORCE										
	TACTICAL										

007	SMALL DIAMETER BOMB	4,195	167,800	4,195	167,800	4,195	167,800	4,195	167,800
	CLASS IV								
011	AGM-65D MAVERICK	16,900	16,900	16,900	16,900	16,900	16,900	16,900	16,900
	TOTAL MISSILE PROCUREMENT, AIR FORCE	4,195	184,700	4,195	184,700	4,195	184,700	4,195	184,700
	PROCUREMENT OF AMMUNITION, AIR FORCE								
	ROCKETS								
001	ROCKETS	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000
	BOMBS								
006	JOINT DIRECT ATTACK MUNITION	12,498	263,000	12,498	263,000	12,498	263,000	12,498	263,000
	TOTAL PROCUREMENT OF AMMUNITION, AIR FORCE	12,498	323,000	12,498	323,000	12,498	323,000	12,498	323,000
	PROCUREMENT, DEFENSE-WIDE								
	MAJOR EQUIPMENT, DISA								
007	TELEPORT PROGRAM	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
016	DEFENSE INFORMATION SYSTEMS NETWORK	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
	TOTAL PROCUREMENT, DEFENSE-WIDE	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000
	TOTAL PROCUREMENT	18,643	1,287,871	65,669	10,728,171	18,643	1,287,871	45,013	630,700
									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)

Line	Program Element	Item	FY 2017 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
		RESEARCH, DEVELOPMENT, TEST & EVAL, ARMY					
		BASIC RESEARCH					
001	0601101A	IN-HOUSE LABORATORY INDEPENDENT RESEARCH	12,381	12,381	12,381		12,381
002	0601102A	DEFENSE RESEARCH SCIENCES	253,116	253,116	253,116		253,116

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2017 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
003	0601103A	UNIVERSITY RESEARCH INITIATIVES	69,166	69,166	69,166		69,166
004	0601104A	UNIVERSITY AND INDUSTRY RESEARCH CENTERS	94,280	94,280	94,280		94,280
		SUBTOTAL BASIC RESEARCH	428,943	428,943	428,943		428,943
		APPLIED RESEARCH					
005	0602105A	MATERIALS TECHNOLOGY	31,533	31,533	37,033	5,500	37,033
		Ground vehicle coating system			[5,500]	[5,500]	
006	0602120A	SENSORS AND ELECTRONIC SURVIVABILITY	36,109	36,109	38,109	2,000	38,109
		Program increase			[2,000]	[2,000]	
007	0602122A	TRACTOR HIP	6,995	6,995	6,995		6,995
008	0602211A	AVIATION TECHNOLOGY	65,914	65,914	65,914		65,914
009	0602270A	ELECTRONIC WARFARE TECHNOLOGY	25,466	25,466	25,466		25,466
010	0602303A	MISSILE TECHNOLOGY	44,313	44,313	44,313		44,313
011	0602307A	ADVANCED WEAPONS TECHNOLOGY	28,803	28,803	28,803		28,803
012	0602308A	ADVANCED CONCEPTS AND SIMULATION	27,688	27,688	27,688		27,688
013	0602601A	COMBAT VEHICLE AND AUTOMOTIVE TECHNOLOGY	67,959	67,959	67,959		67,959
014	0602618A	BALLISTICS TECHNOLOGY	85,436	85,436	85,436		85,436
015	0602622A	CHEMICAL, SMOKE AND EQUIPMENT DEFEATING TECHNOLOGY	3,923	3,923	3,923		3,923
016	0602623A	JOINT SERVICE SMALL ARMS PROGRAM	5,545	5,545	5,545		5,545
017	0602624A	WEAPONS AND MUNITIONS TECHNOLOGY	53,581	53,581	53,581		53,581
018	0602705A	ELECTRONICS AND ELECTRONIC DEVICES	56,322	56,322	56,322		56,322
019	0602709A	NIGHT VISION TECHNOLOGY	36,079	36,079	36,079		36,079
020	0602712A	COUNTERMINE SYSTEMS	26,497	26,497	26,497		26,497
021	0602716A	HUMAN FACTORS ENGINEERING TECHNOLOGY	23,671	23,671	23,671		23,671
022	0602720A	ENVIRONMENTAL QUALITY TECHNOLOGY	22,151	22,151	22,151		22,151
023	0602782A	COMMAND, CONTROL, COMMUNICATIONS TECHNOLOGY	37,803	37,803	37,803		37,803
024	0602783A	COMPUTER AND SOFTWARE TECHNOLOGY	13,811	13,811	13,811		13,811

025	0602784A	MILITARY ENGINEERING TECHNOLOGY	67,416	67,416	67,416	67,416	67,416
026	0602785A	MANPOWER/PERSONNEL/TRAINING TECHNOLOGY	26,045	26,045	21,045	26,045	26,045
		Decrease for social science research			[-5,000]		
027	0602786A	WARFIGHTER TECHNOLOGY	37,403	42,403	37,403	5,000	42,403
		Program Increase		[5,000]		[5,000]	
028	0602787A	MEDICAL TECHNOLOGY	77,111	77,111	77,111	77,111	77,111
		SUBTOTAL APPLIED RESEARCH	907,574	912,574	910,074	12,500	920,074
ADVANCED TECHNOLOGY DEVELOPMENT							
029	0603001A	WARFIGHTER ADVANCED TECHNOLOGY	38,831	38,831	38,831	38,831	38,831
030	0603002A	MEDICAL ADVANCED TECHNOLOGY	68,365	68,365	68,365	68,365	68,365
031	0603003A	AVIATION ADVANCED TECHNOLOGY	94,280	94,280	94,280	94,280	94,280
032	0603004A	WEAPONS AND MUNITIONS ADVANCED TECHNOLOGY	68,714	68,714	68,714	68,714	68,714
033	0603005A	COMBAT VEHICLE AND AUTOMOTIVE ADVANCED TECHNOLOGY	122,132	122,132	172,132	30,000	152,132
		Emerging requirement			[50,000]	[30,000]	
034	0603006A	SPACE APPLICATION ADVANCED TECHNOLOGY	3,904	3,904	3,904	3,904	3,904
035	0603007A	MANPOWER, PERSONNEL AND TRAINING ADVANCED TECHNOLOGY	14,417	14,417	14,417	14,417	14,417
037	0603009A	TRACTOR HIKE	8,074	21,374	8,074	13,300	21,374
		Classified adjustment		[13,300]		[13,300]	
038	0603015A	NEXT GENERATION TRAINING & SIMULATION SYSTEMS	18,969	18,969	18,969	18,969	18,969
039	0603020A	TRACTOR ROSE	11,910	11,910	11,910	11,910	11,910
040	0603125A	COMBATING TERRORISM—TECHNOLOGY DEVELOPMENT	27,686	27,686	27,686	27,686	27,686
041	0603130A	TRACTOR NAIL	2,340	2,340	2,340	2,340	2,340
042	0603131A	TRACTOR EGGS	2,470	2,470	2,470	2,470	2,470
043	0603270A	ELECTRONIC WARFARE TECHNOLOGY	27,893	27,893	22,893	22,893	27,893
		General decrease			[-5,000]		
044	0603313A	MISSILE AND ROCKET ADVANCED TECHNOLOGY	52,190	52,190	52,190	52,190	52,190
045	0603322A	TRACTOR CAGE	11,107	11,107	11,107	11,107	11,107
046	0603461A	HIGH PERFORMANCE COMPUTING MODERNIZATION PROGRAM	179,190	179,190	177,190	2,000	179,190
		Program increase		[2,000]		[2,000]	
047	0603606A	LANDMINE WARFARE AND BARRIER ADVANCED TECHNOLOGY	17,451	17,451	17,451	17,451	17,451
048	0603607A	JOINT SERVICE SMALL ARMS PROGRAM	5,839	5,839	5,839	5,839	5,839

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2017 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
049	0603710A	NIGHT VISION ADVANCED TECHNOLOGY	44,468	44,468	44,468		44,468
050	0603728A	ENVIRONMENTAL QUALITY TECHNOLOGY DEMONSTRATIONS	11,137	11,137	11,137		11,137
051	0603734A	MILITARY ENGINEERING ADVANCED TECHNOLOGY	20,684	20,684	20,684		20,684
052	0603772A	ADVANCED TACTICAL COMPUTER SCIENCE AND SENSOR TECHNOLOGY	44,239	44,239	39,239		44,239
		General program decrease			[-5,000]		
053	0603794A	C3 ADVANCED TECHNOLOGY	35,775	35,775	35,775		35,775
		SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT	930,065	945,365	970,065	45,300	975,365
		ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES					
054	0603305A	ARMY MISSILE DEFENSE SYSTEMS INTEGRATION	9,433	9,433	9,433		9,433
055	0603308A	ARMY SPACE SYSTEMS INTEGRATION	23,056	23,056	23,056		23,056
056	0603619A	LANDMINE WARFARE AND BARRIER—ADV DEV	72,117	72,117	72,117		72,117
057	0603627A	SMOKE, OBSCURANT AND TARGET DEFEATING SYS-ADV DEV	28,244	28,244	28,244		28,244
058	0603639A	TANK AND MEDIUM CALIBER AMMUNITION	40,096	40,096	40,096		40,096
059	0603747A	SOLDIER SUPPORT AND SURVIVABILITY	10,506	10,506	10,506		10,506
060	0603766A	TACTICAL ELECTRONIC SURVEILLANCE SYSTEM—ADV DEV	15,730	15,730	15,730		15,730
061	0603774A	NIGHT VISION SYSTEMS ADVANCED DEVELOPMENT	10,321	10,321	10,321		10,321
062	0603779A	ENVIRONMENTAL QUALITY TECHNOLOGY—DEM/VAL	7,785	7,785	7,785		7,785
063	0603790A	NATO RESEARCH AND DEVELOPMENT	2,300	2,300	2,300		2,300
064	0603801A	AVIATION—ADV DEV	10,014	10,014	10,014		10,014
065	0603804A	LOGISTICS AND ENGINEER EQUIPMENT—ADV DEV	20,834	20,834	20,834		20,834
066	0603807A	MEDICAL SYSTEMS—ADV DEV	33,503	41,003	33,503		33,503
		Program increase		[7,500]			
067	0603827A	SOLDIER SYSTEMS—ADVANCED DEVELOPMENT	31,120	31,120	40,520	9,400	40,520
		Accelerate small arms improvement			[9,400]	[9,400]	
068	0604100A	ANALYSIS OF ALTERNATIVES	6,608	6,608	6,608		6,608
069	0604114A	LOWER TIER AIR MISSILE DEFENSE (LTAMD) SENSOR	35,132	35,132	35,132		35,132

070	0604115A	TECHNOLOGY MATURATION INITIATIVES	70,047	70,047	70,047	-9,009	61,038
		Excess growth				[-9,009]	
071	0604120A	ASSURED POSITIONING, NAVIGATION AND TIMING (PNT)	83,279	83,279	83,279		83,279
073	0305251A	CYBERSPACE OPERATIONS FORCES AND FORCE SUPPORT	40,510	40,510	40,510	-10,000	30,510
		Inadequate justification				[-10,000]	
		SUBTOTAL ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES	550,635	558,135	560,035	-9,609	541,026
SYSTEM DEVELOPMENT & DEMONSTRATION							
074	0604201A	AIRCRAFT AVIONICS	83,248	83,248	83,248		83,248
075	0604270A	ELECTRONIC WARFARE DEVELOPMENT	34,642	34,642	34,642		34,642
077	0604290A	MID-TIER NETWORKING VEHICULAR RADIO (MNVR)	12,172	12,172	12,172		12,172
078	0604321A	ALL SOURCE ANALYSIS SYSTEM	3,958	3,958	3,958		3,958
079	0604328A	TRACTOR CAGE	12,525	12,525	12,525		12,525
080	0604601A	INFANTRY SUPPORT WEAPONS	66,943	66,943	66,943		66,943
082	0604611A	JAVELIN	20,011	20,011	20,011		20,011
083	0604622A	FAMILY OF HEAVY TACTICAL VEHICLES	11,429	11,429	11,429		11,429
084	0604633A	AIR TRAFFIC CONTROL	3,421	3,421	3,421		3,421
085	0604641A	TACTICAL UNMANNED GROUND VEHICLE (TUGV)	39,282	39,282	39,282		39,282
086	0604642A	LIGHT TACTICAL WHEELED VEHICLES	494	494	494		494
087	0604645A	ARMORED SYSTEMS MODERNIZATION (ASM)—ENG DEV	9,678	9,678	9,678		9,678
088	0604710A	NIGHT VISION SYSTEMS—ENG DEV	84,519	84,519	84,519		84,519
089	0604713A	COMBAT FEEDING, CLOTHING, AND EQUIPMENT	2,054	2,054	2,054		2,054
090	0604715A	NON-SYSTEM TRAINING DEVICES—ENG DEV	30,774	30,774	30,774		30,774
091	0604741A	AIR DEFENSE COMMAND, CONTROL AND INTELLIGENCE—ENG DEV	53,332	61,332	53,332	8,000	61,332
		Program increase- all digital radar technology for CRAM		[8,000]			
092	0604742A	CONSTRUCTIVE SIMULATION SYSTEMS DEVELOPMENT	17,887	17,887	17,887		17,887
093	0604746A	AUTOMATIC TEST EQUIPMENT DEVELOPMENT	8,813	8,813	8,813		8,813
094	0604760A	DISTRIBUTIVE INTERACTIVE SIMULATIONS (DIS)—ENG DEV	10,487	10,487	10,487		10,487
095	0604780A	COMBINED ARMS TACTICAL TRAINER (CATT) CORE	15,068	15,068	15,068		15,068
096	0604798A	BRIGADE ANALYSIS, INTEGRATION AND EVALUATION	89,716	89,716	89,716		89,716
097	0604802A	WEAPONS AND MUNITIONS—ENG DEV	80,365	80,365	80,365		80,365
098	0604804A	LOGISTICS AND ENGINEER EQUIPMENT—ENG DEV	75,098	86,198	75,098	11,100	86,198

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION
(In Thousands of Dollars)

Line	Program Element	Item	FY 2017 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
		Program Increase- next generation signature management		[11,100]		[11,100]	
099	0604805A	COMMAND, CONTROL, COMMUNICATIONS SYSTEMS—ENG DEV	4,245	4,245	4,245		4,245
100	0604807A	MEDICAL MATERIEL/MEDICAL BIOLOGICAL DEFENSE EQUIPMENT—ENG DEV	41,124	41,124	41,124		41,124
101	0604808A	LANDMINE WARFARE/BARRIER—ENG DEV	39,630	39,630	39,630		39,630
102	0604818A	ARMY TACTICAL COMMAND & CONTROL HARDWARE & SOFTWARE	205,590	205,590	205,590		205,590
103	0604820A	RADAR DEVELOPMENT	15,983	15,983	15,983		15,983
104	0604822A	GENERAL FUND ENTERPRISE BUSINESS SYSTEM (GFBS)	6,805	6,805	6,805		6,805
105	0604823A	FIREFINDER	9,235	9,235	9,235		9,235
106	0604827A	SOLDIER SYSTEMS—WARRIOR DEMVAL	12,393	12,393	12,393		12,393
107	0604854A	ARTILLERY SYSTEMS—EMD	1,756	1,756	1,756		1,756
108	0605013A	INFORMATION TECHNOLOGY DEVELOPMENT	74,236	74,236	74,236		74,236
109	0605018A	INTEGRATED PERSONNEL AND PAY SYSTEM—ARMY (PPS-A)	155,584	155,584	135,584	-11,000	144,584
		Unjustified growth			(-20,000)	(-11,000)	
110	0605028A	ARMORED MULTI-PURPOSE VEHICLE (AMPV)	184,221	184,221	184,221		184,221
111	0605029A	INTEGRATED GROUND SECURITY SURVEILLANCE RESPONSE CAPABILITY (IGSSR-C)	4,980	4,980	4,980		4,980
112	0605030A	JOINT TACTICAL NETWORK CENTER (JTNC)	15,041	15,041	15,041		15,041
113	0605031A	JOINT TACTICAL NETWORK (JTN)	16,014	16,014	16,014		16,014
114	0605032A	TRACTOR TIRE	27,254	27,254	27,254		27,254
115	0605033A	GROUND-BASED OPERATIONAL SURVEILLANCE SYSTEM—EXPEDITIONARY (GBOSS-E)	5,032	5,032	5,032		5,032
116	0605034A	TACTICAL SECURITY SYSTEM (TSS)	2,904	2,904	2,904		2,904
117	0605035A	COMMON INFRARED COUNTERMEASURES (CIRC)	96,977	96,977	96,977		96,977
118	0605036A	COMBATING WEAPONS OF MASS DESTRUCTION (CWMD)	2,089	2,089	2,089		2,089
119	0605041A	DEFENSIVE CYBER TOOL DEVELOPMENT	33,836	33,836	33,836		33,836
120	0605042A	TACTICAL NETWORK RADIO SYSTEMS (LOW-TIER)	18,824	18,824	18,824		18,824
121	0605047A	CONTRACT WRITING SYSTEM	20,663	20,663			20,663

122	0605051A	Unjustified request	41,133	41,133	[-20,663]	41,133
		AIRCRAFT SURVIVABILITY DEVELOPMENT			[13,000]	
		ASE unfunded requirement				
123	0605052A	INDIRECT FIRE PROTECTION CAPABILITY INC 2—BLOCK 1	83,995	83,995	83,995	83,995
125	0605380A	AMF JOINT TACTICAL RADIO SYSTEM (JTRS)	5,028	5,028	5,028	5,028
126	0605450A	JOINT AIR-TO-GROUND MISSILE (JAGM)	42,972	42,972	42,972	42,972
128	0605457A	ARMY INTEGRATED AIR AND MISSILE DEFENSE (AIAMD)	252,811	252,811	252,811	252,811
131	0605766A	NATIONAL CAPABILITIES INTEGRATION (MIP)	4,955	4,955	4,955	4,955
132	0605812A	JOINT LIGHT TACTICAL VEHICLE (LTV) ENGINEERING AND MANUFACTURING DEVELOPMENT PH.	11,530	11,530	11,530	11,530
133	0605830A	AVIATION GROUND SUPPORT EQUIPMENT	2,142	2,142	2,142	2,142
134	0210609A	PALADIN INTEGRATED MANAGEMENT (PIM)	41,498	41,498	41,498	41,498
135	0303032A	TROJAN—RH12	4,273	4,273	4,273	4,273
136	0304270A	ELECTRONIC WARFARE DEVELOPMENT	14,425	14,425	14,425	14,425
		SUBTOTAL SYSTEM DEVELOPMENT & DEMONSTRATION	2,265,094	2,284,194	2,237,431	2,273,194
						8,100
RD&E MANAGEMENT SUPPORT						
137	0604256A	THREAT SIMULATOR DEVELOPMENT	25,675	25,675	25,675	25,675
138	0604258A	TARGET SYSTEMS DEVELOPMENT	19,122	19,122	19,122	19,122
139	0604759A	MAJOR T&E INVESTMENT	84,777	84,777	84,777	84,777
140	0605103A	RAND ARROYO CENTER	20,658	20,658	20,658	20,658
141	0605301A	ARMY KWAJALEIN ATOLL	236,648	236,648	236,648	236,648
142	0605326A	CONCEPTS EXPERIMENTATION PROGRAM	25,596	25,596	25,596	25,596
144	0605601A	ARMY TEST RANGES AND FACILITIES	293,748	293,748	293,748	293,748
145	0605602A	ARMY TECHNICAL TEST INSTRUMENTATION AND TARGETS	52,404	52,404	52,404	52,404
146	0605604A	SURVIVABILITY/LETHALITY ANALYSIS	38,571	38,571	38,571	38,571
147	0605606A	AIRCRAFT CERTIFICATION	4,665	4,665	4,665	4,665
148	0605702A	METEOROLOGICAL SUPPORT TO RD&E ACTIVITIES	6,925	6,925	6,925	6,925
149	0605706A	MATERIEL SYSTEMS ANALYSIS	21,677	21,677	21,677	21,677
150	0605709A	EXPLOITATION OF FOREIGN ITEMS	12,415	12,415	12,415	12,415
151	0605712A	SUPPORT OF OPERATIONAL TESTING	49,684	49,684	49,684	49,684
152	0605716A	ARMY EVALUATION CENTER	55,905	55,905	55,905	55,905

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Line	Program Element	Item	FY 2017 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
153	0605718A	ARMY MODELING & SIM X-CMD COLLABORATION & INTEG	7,959	7,959	7,959		7,959
154	0605801A	PROGRAMWIDE ACTIVITIES	51,822	51,822	51,822		51,822
155	0605803A	TECHNICAL INFORMATION ACTIVITIES	33,323	33,323	35,823		33,323
		Program increase Geospatial			[2,500]		
156	0605805A	MUNITIONS STANDARDIZATION, EFFECTIVENESS AND SAFETY	40,545	40,545	40,545		40,545
157	0605857A	ENVIRONMENTAL QUALITY TECHNOLOGY MGMT SUPPORT	2,130	2,130	2,130		2,130
158	0605898A	MANAGEMENT HQ—R&D	49,885	49,885	49,885		49,885
159	0303260A	DEFENSE MILITARY DECEPTION INITIATIVE	2,000	2,000	2,000		2,000
		SUBTOTAL RD&E MANAGEMENT SUPPORT	1,136,134	1,136,134	1,138,634		1,136,134
OPERATIONAL SYSTEMS DEVELOPMENT							
161	0603778A	MLRS PRODUCT IMPROVEMENT PROGRAM	9,663	9,663	9,663		9,663
162	0603813A	TRACTOR PULL	3,960	3,960	3,960		3,960
163	0605024A	ANTI-TAMPER TECHNOLOGY SUPPORT	3,638	3,638	3,638		3,638
164	0607131A	WEAPONS AND MUNITIONS PRODUCT IMPROVEMENT PROGRAMS	14,517	14,517	14,517		14,517
165	0607133A	TRACTOR SMOKE	4,479	4,479	4,479		4,479
166	0607134A	LONG RANGE PRECISION FIRES (LRPF)	39,275	39,275	39,275		39,275
167	0607135A	APACHE PRODUCT IMPROVEMENT PROGRAM	66,441	66,441	66,441		66,441
168	0607136A	BLACKHAWK PRODUCT IMPROVEMENT PROGRAM	46,765	46,765	46,765		46,765
169	0607137A	CHINOOK PRODUCT IMPROVEMENT PROGRAM	91,848	91,848	91,848		91,848
170	0607138A	FIXED WING PRODUCT IMPROVEMENT PROGRAM	796	796	796		796
171	0607139A	IMPROVED TURBINE ENGINE PROGRAM	126,105	126,105	126,105		126,105
172	0607140A	EMERGING TECHNOLOGIES FROM NIE	2,369	2,369	2,369		2,369
173	0607141A	LOGISTICS AUTOMATION	4,563	4,563	4,563		4,563
174	0607665A	FAMILY OF BIOMETRICS	12,098	12,098	12,098		12,098
175	0607865A	PATRIOT PRODUCT IMPROVEMENT	49,482	49,482	49,482		49,482
176	0202429A	AEROSTAT JOINT PROJECT—COCOM EXERCISE	45,482	2,482	4,482	-43,000	2,482

				[-43,000]	[-41,000]	[-43,000]		30,455	30,455	30,455
178	0203728A	Program reduction	30,455	30,455	30,455	30,455		30,455	30,455	30,455
179	0203735A	JOINT AUTOMATED DEEP OPERATION COORDINATION SYSTEM (JADOGCS)	316,857	316,857	328,857	316,857		316,857	316,857	316,857
		COMBAT VEHICLE IMPROVEMENT PROGRAMS			[12,000]					
		APS unfunded requirement								
180	0203740A	MANEUVER CONTROL SYSTEM	4,031	4,031	4,031	4,031		4,031	4,031	4,031
181	0203744A	AIRCRAFT MODIFICATIONS/PRODUCT IMPROVEMENT PROGRAMS	35,793	35,793	35,793	35,793		35,793	35,793	35,793
182	0203752A	AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM	259	259	259	259		259	259	259
183	0203758A	DIGITIZATION	6,483	6,483	6,483	6,483		6,483	6,483	6,483
184	0203801A	MISSILE/AIR DEFENSE PRODUCT IMPROVEMENT PROGRAM	5,122	5,122	5,122	5,122		5,122	5,122	5,122
185	0203802A	OTHER MISSILE PRODUCT IMPROVEMENT PROGRAMS	7,491	7,491	7,491	7,491		7,491	7,491	7,491
186	0203808A	TRACTOR CARD	20,333	20,333	20,333	20,333		20,333	20,333	20,333
188	0205410A	MATERIALS HANDLING EQUIPMENT	124	124	124	124		124	124	124
190	0205456A	LOWER TIER AIR AND MISSILE DEFENSE (AMD) SYSTEM	69,417	69,417	69,417	69,417		69,417	69,417	69,417
191	0205778A	GUIDED MULTIPLE-LAUNCH ROCKET SYSTEM (GMLRS)	22,044	22,044	22,044	22,044		22,044	22,044	22,044
192	0208053A	JOINT TACTICAL GROUND SYSTEM	12,649	12,649	12,649	12,649		12,649	12,649	12,649
194	0303028A	SECURITY AND INTELLIGENCE ACTIVITIES	11,619	11,619	11,619	11,619		11,619	11,619	11,619
195	0303140A	INFORMATION SYSTEMS SECURITY PROGRAM	38,280	38,280	38,280	38,280		38,280	38,280	38,280
196	0303141A	GLOBAL COMBAT SUPPORT SYSTEM	27,223	27,223	2,023	27,223		27,223	27,223	27,223
		GCSS unjustified request			[-25,200]					
197	0303142A	SATCOM GROUND ENVIRONMENT (SPACE)	18,815	18,815	18,815	18,815		18,815	18,815	18,815
198	0303150A	WMMCS/GLOBAL COMMAND AND CONTROL SYSTEM	4,718	4,718	4,718	4,718		4,718	4,718	4,718
202	0305204A	TACTICAL UNMANNED AERIAL VEHICLES	8,218	8,218	8,218	8,218		8,218	8,218	8,218
203	0305206A	AIRBORNE RECONNAISSANCE SYSTEMS	11,799	11,799	11,799	11,799		11,799	11,799	11,799
204	0305208A	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	32,284	32,284	284	32,284		32,284	32,284	32,284
		Change in tactical requirements			[-32,000]					
205	0305219A	MQ-1C GRAY EAGLE UAS	13,470	13,470	13,470	13,470		13,470	13,470	13,470
206	0305232A	RQ-11 UAV	1,613	1,613	1,613	1,613		1,613	1,613	1,613
207	0305233A	RQ-7 UAV	4,597	4,597	4,597	4,597		4,597	4,597	4,597
209	0310349A	WIN-T INCREMENT 2—INITIAL NETWORKING	4,867	4,867	4,867	4,867		4,867	4,867	4,867
210	0708045A	END ITEM INDUSTRIAL PREPAREDNESS ACTIVITIES	62,287	62,287	62,287	62,287		62,287	62,287	62,287
210A	999999999	CLASSIFIED PROGRAMS	4,625	4,625	4,625	4,625		4,625	4,625	4,625
		SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT	1,296,954	1,253,954	1,210,754	1,253,954	-43,000	1,210,754	1,253,954	1,253,954

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Line	Program Element	Item	FY 2017 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, ARMY			7,515,399	7,519,299	7,455,936	13,291	7,528,690
RESEARCH, DEVELOPMENT, TEST & EVAL, NAVY							
BASIC RESEARCH							
001	0601103N	UNIVERSITY RESEARCH INITIATIVES	101,714	121,714	101,714	20,000	121,714
		Program increase		[20,000]		[20,000]	
002	0601152N	IN-HOUSE LABORATORY INDEPENDENT RESEARCH	18,508	18,508	18,508		18,508
003	0601153N	DEFENSE RESEARCH SCIENCES	422,748	422,748	422,748		422,748
		SUBTOTAL BASIC RESEARCH	542,970	562,970	542,970	20,000	562,970
APPLIED RESEARCH							
004	0602114N	POWER PROJECTION APPLIED RESEARCH	41,371	41,371	41,371		41,371
005	0602123N	FORCE PROTECTION APPLIED RESEARCH	158,745	158,745	158,745		158,745
006	0602131M	MARINE CORPS LANDING FORCE TECHNOLOGY	51,590	51,590	51,590		51,590
007	0602235N	COMMON PICTURE APPLIED RESEARCH	41,185	41,185	41,185		41,185
008	0602236N	WARFIGHTER SUSTAINMENT APPLIED RESEARCH	45,467	45,467	45,467		45,467
009	0602271N	ELECTROMAGNETIC SYSTEMS APPLIED RESEARCH	118,941	118,941	118,941		118,941
010	0602435N	OCEAN WARFIGHTING ENVIRONMENT APPLIED RESEARCH	42,618	74,618	42,618	30,000	72,618
		Service Life Extension Program—AGOR		[32,000]		[30,000]	
011	0602651M	JOINT NON-LETHAL WEAPONS APPLIED RESEARCH	6,327	6,327	6,327		6,327
012	0602747N	UNDERSEA WARFARE APPLIED RESEARCH	126,313	126,313	136,313		126,313
		Program increase			[10,000]		
013	0602750N	FUTURE NAVAL CAPABILITIES APPLIED RESEARCH	165,103	165,103	165,103		165,103
014	0602782N	MINE AND EXPEDITIONARY WARFARE APPLIED RESEARCH	33,916	33,916	33,916		33,916
015	0602898N	SCIENCE AND TECHNOLOGY MANAGEMENT—ONR HEADQUARTERS	29,575	29,575	29,575		29,575
		SUBTOTAL APPLIED RESEARCH	861,151	893,151	871,151	30,000	891,151

016	0603114N	ADVANCED TECHNOLOGY DEVELOPMENT	96,406	106,406	81,406	96,406
		POWER PROJECTION ADVANCED TECHNOLOGY			[-15,000]	
		General decrease				
		Program increase for common mount		[10,000]		
017	0603123N	FORCE PROTECTION ADVANCED TECHNOLOGY	48,438	48,438	48,438	48,438
018	0603271N	ELECTROMAGNETIC SYSTEMS ADVANCED TECHNOLOGY	26,421	26,421	26,421	26,421
019	0603640M	USMC ADVANCED TECHNOLOGY DEMONSTRATION (ATD)	140,416	140,416	140,416	140,416
020	0603651M	JOINT NON-LETHAL WEAPONS TECHNOLOGY DEVELOPMENT	13,117	13,117	13,117	13,117
021	0603673N	FUTURE NAVAL CAPABILITIES ADVANCED TECHNOLOGY DEVELOPMENT	249,092	249,092	239,092	247,092
		Capable manpower, and power and energy			[-10,000]	[-2,000]
022	0603680N	MANUFACTURING TECHNOLOGY PROGRAM	56,712	56,712	56,712	56,712
023	0603729N	WARFIGHTER PROTECTION ADVANCED TECHNOLOGY	4,789	4,789	4,789	4,789
024	0603747N	UNDERSEA WARFARE ADVANCED TECHNOLOGY	25,880	25,880	25,880	25,880
025	0603758N	NAVY WARFIGHTING EXPERIMENTS AND DEMONSTRATIONS	60,550	65,550	60,550	60,550
		Program Increase		[5,000]		
026	0603782N	MINE AND EXPEDITIONARY WARFARE ADVANCED TECHNOLOGY	15,167	15,167	15,167	15,167
		SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT	736,988	751,988	711,988	734,988
						-2,000
027	0603207N	ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES	48,536	48,536	48,536	48,536
028	0603216N	AIR/OCEAN TACTICAL APPLICATIONS	5,239	5,239	5,239	5,239
030	0603251N	AIRCRAFT SYSTEMS	1,519	1,519	1,519	1,519
031	0603254N	ASW SYSTEMS DEVELOPMENT	7,041	7,041	7,041	7,041
032	0603261N	TACTICAL AIRBORNE RECONNAISSANCE	3,274	3,274	3,274	3,274
033	0603382N	ADVANCED COMBAT SYSTEMS TECHNOLOGY	57,034	72,034	57,034	15,496
		Program Increase		[15,000]		
		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	165,775	164,275	143,548
		Excess prior year funds			[-1,500]	[-1,500]
		LDUVV product development excess growth				[-13,800]

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		USV with AQS-20 product development excess growth				[-5,750]	
		USV with AQS-20 support excess growth				[-1,177]	
035	0603506N	SURFACE SHIP TORPEDO DEFENSE	87,066	87,066	87,066		87,066
036	0603512N	CARRIER SYSTEMS DEVELOPMENT	7,605	7,605	7,605		7,605
037	0603525N	PILOT FISH	132,068	132,068	132,068		132,068
038	0603527N	RETRACT LARCH	14,546	14,546	14,546		14,546
039	0603536N	RETRACT JUNIPER	115,435	115,435	115,435		115,435
040	0603542N	RADIOLOGICAL CONTROL	702	702	702		702
041	0603553N	SURFACE ASW	1,081	1,081	1,081		1,081
042	0603561N	ADVANCED SUBMARINE SYSTEM DEVELOPMENT	100,565	100,565	100,565		100,565
043	0603562N	SUBMARINE TACTICAL WARFARE SYSTEMS	8,782	8,782	8,782		8,782
044	0603563N	SHIP CONCEPT ADVANCED DESIGN	14,590	14,590	14,590		14,590
045	0603564N	SHIP PRELIMINARY DESIGN & FEASIBILITY STUDIES	15,805	15,805	15,805		15,805
046	0603570N	ADVANCED NUCLEAR POWER SYSTEMS	453,313	453,313	453,313		453,313
047	0603573N	ADVANCED SURFACE MACHINERY SYSTEMS	36,655	36,655	36,655		36,655
048	0603576N	CHALK EAGLE	367,016	367,016	367,016		367,016
049	0603581N	LITTORAL COMBAT SHIP (LCS)	51,630	51,630	51,630		51,630
050	0603582N	COMBAT SYSTEM INTEGRATION	23,530	23,530	23,530		23,530
051	0603595N	OHIO REPLACEMENT	700,811	700,811	700,811		700,811
052	0603596N	LCS MISSION MODULES	160,058	129,158	129,158	-30,871	129,187
		Program Restructure		[-30,900]	[-30,900]	[-30,871]	
053	0603597N	AUTOMATED TEST AND ANALYSIS		8,000	8,000	8,000	8,000
		Program increase		[8,000]	[8,000]	[8,000]	
054	0603599N	FRIGATE DEVELOPMENT	84,900	84,900	84,900		84,900
055	0603609N	CONVENTIONAL MUNITIONS	8,342	8,342	8,342		8,342
056	0603611M	MARINE CORPS ASSAULT VEHICLES	158,682	158,682	158,682		158,762
		Product development prior year carryover				-19,920	
						[-19,920]	

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087	0605812M	JOINT LIGHT TACTICAL VEHICLE (LTV) ENGINEERING AND MANUFACTURING DEVELOPMENT PH.	23,197	23,197	23,197		23,197
088	0303354N	ASW SYSTEMS DEVELOPMENT—MIP	9,110	9,110	9,110		9,110
089	0304270N	ELECTRONIC WARFARE DEVELOPMENT—MIP	437	437	437		437
		SUBTOTAL ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES	4,662,867	4,654,967	4,615,067	-144,416	4,518,451
		SYSTEM DEVELOPMENT & DEMONSTRATION					
090	0603208N	TRAINING SYSTEM AIRCRAFT	19,938	19,938	19,938		19,938
091	0604212N	OTHER HELO DEVELOPMENT	6,268	6,268	6,268		6,268
092	0604214N	AV-8B AIRCRAFT—ENG DEV	33,664	33,664	33,664		33,664
093	0604215N	STANDARDS DEVELOPMENT	1,300	1,300	1,300		1,300
094	0604216N	MULTI-MISSION HELICOPTER UPGRADE DEVELOPMENT	5,275	5,275	5,275		5,275
095	0604218N	AIR/OCEAN EQUIPMENT ENGINEERING	3,875	3,875	3,875		3,875
096	0604221N	P-3 MODERNIZATION PROGRAM	1,909	1,909	1,909		1,909
097	0604230N	WARFARE SUPPORT SYSTEM	13,237	13,237	13,237		13,237
098	0604231N	TACTICAL COMMAND SYSTEM	36,323	36,323	36,323		36,323
099	0604234N	ADVANCED HAWKEYE	363,792	363,792	363,792		363,792
100	0604245N	H-1 UPGRADES	27,441	27,441	27,441		27,441
101	0604261N	ACOUSTIC SEARCH SENSORS	34,525	34,525	34,525		34,525
102	0604262N	V-22A	174,423	174,423	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	13,577		13,577
104	0604269N	EA-18	116,761	116,761	116,761		116,761
105	0604270N	ELECTRONIC WARFARE DEVELOPMENT	48,766	48,766	48,766		48,766
106	0604273N	EXECUTIVE HELO DEVELOPMENT	338,357	338,357	338,357		338,357
107	0604274N	NEXT GENERATION JAMMER (NGJ)	577,822	577,822	577,822		577,822

108	0604280U	JOINT TACTICAL RADIO SYSTEM—NAVY (JTRS-NAVY)	2,365	2,365	2,365	2,365	2,365
109	0604282N	NEXT GENERATION JAMMER (NGJ) INCREMENT II	52,065	52,065	52,065	52,065	42,065
		Program growth					[-10,000]
110	0604307N	SURFACE COMBATANT COMBAT SYSTEM ENGINEERING	282,764	282,764	282,764	282,764	282,764
111	0604311N	LPD-17 CLASS SYSTEMS INTEGRATION	580	580	580	580	580
112	0604329N	SMALL DIAMETER BOMB (SDB)	97,622	97,622	97,622	97,622	97,622
113	0604366N	STANDARD MISSILE IMPROVEMENTS	120,561	120,561	120,561	120,561	120,561
114	0604373N	AIRBORNE MCM	45,622	45,622	45,622	45,622	45,622
116	0604378N	NAVAL INTEGRATED FIRE CONTROL—COUNTER AIR SYSTEMS ENGINEERING	25,750	25,750	25,750	25,750	25,750
118	0604501N	ADVANCED ABOVE WATER SENSORS	85,868	85,868	85,868	85,868	85,868
119	0604503N	SSN-688 AND TRIDENT MODERNIZATION	117,476	117,476	117,476	117,476	117,476
120	0604504N	AIR CONTROL	47,404	47,404	47,404	47,404	47,404
121	0604512N	SHIPBOARD AVIATION SYSTEMS	112,158	112,158	112,158	112,158	112,158
122	0604518N	COMBAT INFORMATION CENTER CONVERSION	6,283	6,283	6,283	6,283	6,283
123	0604522N	AIR AND MISSILE DEFENSE RADAR (AMDR) SYSTEM	144,395	144,395	144,395	144,395	144,395
124	0604558N	NEW DESIGN SSN	113,013	113,013	113,013	113,013	113,013
125	0604562N	SUBMARINE TACTICAL WARFARE SYSTEM	43,160	43,160	43,160	43,160	43,160
126	0604567N	SHIP CONTRACT DESIGN/ LIVE FIRE T&E	65,002	65,002	65,002	65,002	65,002
		CVN Design		[20,000]			[20,000]
127	0604574N	NAVY TACTICAL COMPUTER RESOURCES	3,098	3,098	3,098	3,098	3,098
128	0604580N	VIRGINIA PAYLOAD MODULE (VPM)	97,920	97,920	97,920	97,920	97,920
129	0604601N	MINE DEVELOPMENT	10,490	10,490	10,490	10,490	10,490
130	0604610N	LIGHTWEIGHT TORPEDO DEVELOPMENT	20,178	20,178	20,178	20,178	20,178
131	0604654N	JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT	7,369	7,369	7,369	7,369	7,369
132	0604703N	PERSONNEL, TRAINING, SIMULATION, AND HUMAN FACTORS	4,995	4,995	4,995	4,995	4,995
133	0604727N	JOINT STANDOFF WEAPON SYSTEMS	412	412	412	412	412
134	0604755N	SHIP SELF DEFENSE (DETECT & CONTROL)	134,619	134,619	134,619	134,619	134,619
135	0604756N	SHIP SELF DEFENSE (ENGAGE: HARD KILL)	114,475	105,475	114,475	114,475	105,475
		Program Execution					[-9,000]
136	0604757N	SHIP SELF DEFENSE (ENGAGE: SOFT KILL/FEW)	114,211	114,211	114,211	114,211	111,211
		Decoy development effort unjustified growth					[-3,000]
137	0604761N	INTELLIGENCE ENGINEERING	11,029	11,029	11,029	11,029	11,029

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138	0604771N	MEDICAL DEVELOPMENT	9,220	9,220	9,220		9,220
139	0604777N	NAVIGATION/VID SYSTEM	42,723	42,723	42,723		42,723
140	0604800M	JOINT STRIKE FIGHTER (JSF)—EMD	531,426	531,426	531,426		531,426
141	0604800N	JOINT STRIKE FIGHTER (JSF)—EMD	528,716	528,716	528,716		528,716
142	0604810M	JOINT STRIKE FIGHTER FOLLOW ON DEVELOPMENT—MARINE CORPS	74,227	74,227	74,227		71,977
		Follow-on development excess funds				-2,250	
143	0604810N	JOINT STRIKE FIGHTER FOLLOW ON DEVELOPMENT—NAVY	63,387	63,387	63,387		61,137
		Follow-on development excess funds				-2,250	
144	0605013M	INFORMATION TECHNOLOGY DEVELOPMENT	4,856	4,856	4,856		4,856
145	0605013N	INFORMATION TECHNOLOGY DEVELOPMENT	97,066	97,066	97,066		97,066
146	0605024N	ANTI-TAMPER TECHNOLOGY SUPPORT	2,500	2,500	2,500		2,500
147	0605212N	CH-53K RDTE	404,810	404,810	404,810		373,297
		Program delay				-31,513	
148	0605215N	MISSION PLANNING	33,570	33,570	33,570		33,570
149	0605217N	COMMON AVIONICS	51,599	51,599	51,599		51,599
150	0605220N	SHIP TO SHORE CONNECTOR (SSC)	11,088	11,088	11,088		11,088
151	0605327N	T-AO (X)	1,095	1,095	1,095		1,095
152	0605414N	MQ-XX	89,000	77,000	89,000	-12,000	77,000
		Excess Obligation				-12,000	
153	0605450N	JOINT AIR-TO-GROUND MISSILE (JAGM)	17,880	17,880	17,880		17,880
154	0605500N	MULTI-MISSION MARITIME AIRCRAFT (MMA)	59,126	59,126	59,126		59,126
155	0605504N	MULTI-MISSION MARITIME (MMA) INCREMENT III	182,220	182,220	182,220		152,220
		Program execution				-30,000	
156	0204202N	DDG-1000	45,642	45,642	45,642		45,642
159	0304231N	TACTICAL COMMAND SYSTEM—MIP	676	676	676		676
160	0304785N	TACTICAL CRYPTOLOGIC SYSTEMS	36,747	36,747	36,747		36,747
161	0305124N	SPECIAL APPLICATIONS PROGRAM	35,002	35,002	35,002		35,002

162	0306250M	CYBER OPERATIONS TECHNOLOGY DEVELOPMENT	4,942	4,942	6,726	4,942
		Full spectrum cyber operations unfunded requirement			[1,784]	
		SUBTOTAL SYSTEM DEVELOPMENT & DEMONSTRATION	6,025,655	6,024,655	6,027,439	5,928,917
						-96,738
		MANAGEMENT SUPPORT				
163	0604256N	THREAT SIMULATOR DEVELOPMENT	16,633	16,633	16,633	16,633
164	0604258N	TARGET SYSTEMS DEVELOPMENT	36,662	36,662	36,662	36,662
165	0604759N	MAJOR T&E INVESTMENT	42,109	42,109	42,109	42,109
166	0605126N	JOINT THEATER AIR AND MISSILE DEFENSE ORGANIZATION	2,998	2,998	2,998	2,998
167	0605152N	STUDIES AND ANALYSIS SUPPORT—NAVY	3,931	3,931	3,931	3,931
168	0605154N	CENTER FOR NAVAL ANALYSES	46,634	46,634	46,634	46,634
169	0605285N	NEXT GENERATION FIGHTER	1,200	1,200	1,200	1,200
171	0605804N	TECHNICAL INFORMATION SERVICES	903	903	903	903
172	0605853N	MANAGEMENT, TECHNICAL & INTERNATIONAL SUPPORT	87,077	87,077	76,277	87,077
		Unjustified growth			[-10,800]	
173	0605856N	STRATEGIC TECHNICAL SUPPORT	3,597	3,597	3,597	3,597
174	0605861N	RDT&E SCIENCE AND TECHNOLOGY MANAGEMENT	62,811	62,811	62,811	62,811
175	0605863N	RDT&E SHIP AND AIRCRAFT SUPPORT	106,093	106,093	106,093	106,093
176	0605864N	TEST AND EVALUATION SUPPORT	349,146	349,146	349,146	349,146
177	0605865N	OPERATIONAL TEST AND EVALUATION CAPABILITY	18,160	18,160	18,160	18,160
178	0605866N	NAVY SPACE AND ELECTRONIC WARFARE (SEW) SUPPORT	9,658	9,658	9,658	9,658
179	0605867N	SEW SURVEILLANCE/RECONNAISSANCE SUPPORT	6,500	6,500	6,500	6,500
180	0605873M	MARINE CORPS PROGRAM WIDE SUPPORT	22,247	22,247	22,247	22,247
181	0605898N	MANAGEMENT HQ—R&D	16,254	16,254	16,254	16,254
182	0606355N	WARFARE INNOVATION MANAGEMENT	21,123	21,123	21,123	21,123
		SUBTOTAL MANAGEMENT SUPPORT	853,736	853,736	842,936	853,736
		OPERATIONAL SYSTEMS DEVELOPMENT				
188	0607658N	COOPERATIVE ENGAGEMENT CAPABILITY (CEC)	84,501	84,501	84,501	84,501
189	0607700N	DEPLOYABLE JOINT COMMAND AND CONTROL	2,970	2,970	2,970	2,970
190	0101221N	STRATEGIC SUB & WEAPONS SYSTEM SUPPORT	136,556	136,556	136,556	136,556
191	0101224N	SSBN SECURITY TECHNOLOGY PROGRAM	33,845	33,845	33,845	33,845

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192	0101226N	SUBMARINE ACOUSTIC WARFARE DEVELOPMENT	9,329	9,329	9,329		9,329
193	0101402N	NAVY STRATEGIC COMMUNICATIONS	17,218	17,218	17,218		17,218
195	0204136N	F/A-18 SQUADRONS	189,125	189,125	189,125		189,125
196	0204163N	FLEET TELECOMMUNICATIONS (TACTICAL)	48,225	48,225	48,225		48,225
197	0204228N	SURFACE SUPPORT	21,156	21,156	21,156		21,156
198	0204229N	TOMAHAWK AND TOMAHAWK MISSION PLANNING CENTER (TMPC)	71,355	71,355	71,355		71,355
199	0204311N	INTEGRATED SURVEILLANCE SYSTEM	58,542	58,542	58,542	-1,484	57,058
		TASW prototypes excess growth				(-1,484)	
200	0204413N	AMPHIBIOUS TACTICAL SUPPORT UNITS (DISPLACEMENT CRAFT)	13,929	13,929	13,929		13,929
201	0204460M	GROUND/AIR TASK ORIENTED RADAR (G/ATOR)	83,538	83,538	83,538		83,538
202	0204571N	CONSOLIDATED TRAINING SYSTEMS DEVELOPMENT	38,593	38,593	38,593		38,593
203	0204574N	CRYPTOLOGIC DIRECT SUPPORT	1,122	1,122	1,122		1,122
204	0204575N	ELECTRONIC WARFARE (EW) READINESS SUPPORT	99,998	99,998	99,998		99,998
205	0205601N	HARM IMPROVEMENT	48,635	48,635	48,635		48,635
206	0205604N	TACTICAL DATA LINKS	124,785	124,785	124,785		124,785
207	0205620N	SURFACE ASW COMBAT SYSTEM INTEGRATION	24,583	24,583	24,583		24,583
208	0205632N	MK-48 ADCAP	39,134	39,134	39,134		39,134
209	0205633N	AVIATION IMPROVEMENTS	120,861	120,861	120,861		120,861
210	0205675N	OPERATIONAL NUCLEAR POWER SYSTEMS	101,786	101,786	101,786		101,786
211	0206313M	MARINE CORPS COMMUNICATIONS SYSTEMS	82,159	82,159	82,159		82,159
212	0206335M	COMMON AVIATION COMMAND AND CONTROL SYSTEM (CAC2S)	11,850	11,850	11,850		11,850
213	0206623M	MARINE CORPS GROUND COMBAT/SUPPORTING ARMS SYSTEMS	47,877	47,877	47,877		47,877
214	0206624M	MARINE CORPS COMBAT SERVICES SUPPORT	13,194	13,194	13,194		13,194
215	0206625M	USMC INTELLIGENCE/ELECTRONIC WARFARE SYSTEMS (MIP)	17,171	17,171	17,171		17,171
216	0206629M	AMPHIBIOUS ASSAULT VEHICLE	38,020	38,020	38,020		38,020
217	0207161N	TACTICAL AIM MISSILES	56,285	56,285	56,285		56,285
218	0207163N	ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM)	40,350	40,350	40,350		40,350

219	0219902M	GLOBAL COMBAT SUPPORT SYSTEM—MARINE CORPS (GCSS-MC)	9,128	9,128	9,128	9,128	9,128
223	0303109N	SATELLITE COMMUNICATIONS (SPACE)	37,372	37,372	37,372	37,372	37,372
224	0303138N	CONSOLIDATED AFLOAT NETWORK ENTERPRISE SERVICES (CANES)	23,541	23,541	23,541	23,541	23,541
225	0303140N	INFORMATION SYSTEMS SECURITY PROGRAM	38,510	38,510	38,510	38,510	38,510
228	0305192N	MILITARY INTELLIGENCE PROGRAM (MIP) ACTIVITIES	6,019	6,019	6,019	6,019	6,019
229	0305204N	TACTICAL UNMANNED AERIAL VEHICLES	8,436	8,436	8,436	8,436	8,436
230	0305205N	UAS INTEGRATION AND INTEROPERABILITY	36,509	36,509	36,509	36,509	33,509
		Prior year carryover					-3,000
							[-3,000]
231	0305208M	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	2,100	2,100	2,100	2,100	2,100
232	0305208N	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	44,571	44,571	44,571	44,571	44,571
233	0305220N	MQ-4C TRITON	111,729	111,729	111,729	111,729	111,729
234	0305231N	MQ-8 UAV	26,518	26,518	26,518	26,518	26,518
235	0305232M	RQ-11 UAV	418	418	418	418	418
236	0305233N	RQ-7 UAV	716	716	716	716	716
237	0305234N	SMALL (LEVEL 0) TACTICAL UAS (STUASLO)	5,071	5,071	5,071	5,071	5,071
238	0305239M	RQ-21A	9,497	9,497	9,497	9,497	9,497
239	0305241N	MULTI-INTELLIGENCE SENSOR DEVELOPMENT	77,965	77,965	77,965	77,965	77,965
240	0305242M	UNMANNED AERIAL SYSTEMS (UAS) PAYLOADS (MIP)	11,181	11,181	11,181	11,181	11,181
241	0305421N	RQ-4 MODERNIZATION	181,266	181,266	181,266	181,266	181,266
242	0308601N	MODELING AND SIMULATION SUPPORT	4,709	4,709	4,709	4,709	4,709
243	0702207N	DEPOT MAINTENANCE (NON-IF)	49,322	49,322	49,322	49,322	49,322
		MH-60 Fleet Mid-Life Upgrades		[5,000]			
245	0708730N	MARITIME TECHNOLOGY (MARITECH)	3,204	3,204	3,204	3,204	3,204
245A	99999999999	CLASSIFIED PROGRAMS	1,228,460	1,228,460	1,228,460	1,228,460	1,228,460
		SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT	3,592,934	3,597,934	3,592,934	3,592,934	-4,484
		TOTAL RESEARCH, DEVELOPMENT, TEST & EVAL, NAVY	17,276,301	17,339,401	17,204,485	17,078,663	-197,638
		RESEARCH, DEVELOPMENT, TEST & EVAL, AF					
		BASIC RESEARCH					
001	0601102F	DEFENSE RESEARCH SCIENCES	340,812	340,812	340,812	340,812	340,812
002	0601103F	UNIVERSITY RESEARCH INITIATIVES	145,044	145,044	145,044	145,044	145,044

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003	0601108F	HIGH ENERGY LASER RESEARCH INITIATIVES	14,168	14,168	14,168		14,168
		SUBTOTAL BASIC RESEARCH	500,024	500,024	500,024		500,024
		APPLIED RESEARCH					
004	0602102F	MATERIALS	126,152	131,152	126,152	5,000	131,152
		Precision measuring tools		(5,000)		(5,000)	
005	0602201F	AEROSPACE VEHICLE TECHNOLOGIES	122,831	127,831	122,831	5,000	127,831
		Reusable Hypersonic vehicle structures development		(5,000)		(5,000)	
006	0602202F	HUMAN EFFECTIVENESS APPLIED RESEARCH	111,647	116,647	111,647		111,647
		Human-Machine Teaming		(5,000)			
007	0602203F	AEROSPACE PROPULSION	185,671	185,671	190,671	5,000	190,671
		Program increase			(5,000)	(5,000)	
008	0602204F	AEROSPACE SENSORS	155,174	155,174	155,174		155,174
009	0602601F	SPACE TECHNOLOGY	117,915	117,915	117,915		117,915
010	0602602F	CONVENTIONAL MUNITIONS	109,649	109,649	109,649		109,649
011	0602605F	DIRECTED ENERGY TECHNOLOGY	127,163	127,163	127,163		127,163
012	0602788F	DOMINANT INFORMATION SCIENCES AND METHODS	161,650	161,650	161,650		161,650
013	0602890F	HIGH ENERGY LASER RESEARCH	42,300	42,300	47,300		42,300
		Joint technology office			(5,000)		
		SUBTOTAL APPLIED RESEARCH	1,260,152	1,275,152	1,270,152	15,000	1,275,152
		ADVANCED TECHNOLOGY DEVELOPMENT					
014	0603112F	ADVANCED MATERIALS FOR WEAPON SYSTEMS	35,137	45,137	35,137	10,000	45,137
		Metals Affordability Initiative		(10,000)		(10,000)	
015	0603199F	SUSTAINMENT SCIENCE AND TECHNOLOGY (S&T)	20,636	20,636	20,636		20,636
016	0603203F	ADVANCED AEROSPACE SENSORS	40,945	40,945	40,945		40,945
017	0603211F	AEROSPACE TECHNOLOGY DEV/DEMO	130,950	130,950	130,950		130,950

018	0603216F	AEROSPACE PROPULSION AND POWER TECHNOLOGY	94,594	99,594	99,594	5,000	99,594
		Silicon Carbide for aerospace power application		[5,000]	[5,000]		
019	0603270F	ELECTRONIC COMBAT TECHNOLOGY	58,250	53,250	58,250		58,250
		General decrease		[-5,000]			
020	0603401F	ADVANCED SPACECRAFT TECHNOLOGY	61,593	61,593	61,593		61,593
021	0603444F	MAUI SPACE SURVEILLANCE SYSTEM (MSSS)	11,681	11,681	11,681		11,681
022	0603456F	HUMAN EFFECTIVENESS ADVANCED TECHNOLOGY DEVELOPMENT	26,492	26,492	26,492		26,492
023	0603601F	CONVENTIONAL WEAPONS TECHNOLOGY	102,009	102,009	102,009		102,009
024	0603605F	ADVANCED WEAPONS TECHNOLOGY	39,064	39,064	39,064		39,064
025	0603680F	MANUFACTURING TECHNOLOGY PROGRAM	46,344	46,344	46,344		46,344
026	0603788F	BATTLESPACE KNOWLEDGE DEVELOPMENT AND DEMONSTRATION	58,110	48,110	58,110		58,110
		Unjustified increase		[-10,000]			
		SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT	725,805	740,805	740,805	15,000	740,805
ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES							
027	0603260F	INTELLIGENCE ADVANCED DEVELOPMENT	5,598	5,598	5,598		5,598
028	0603438F	SPACE CONTROL TECHNOLOGY	7,534	7,534	7,534		7,534
029	0603742F	COMBAT IDENTIFICATION TECHNOLOGY	24,418	24,418	24,418		24,418
030	0603790F	NATO RESEARCH AND DEVELOPMENT	4,333	4,333	4,333		4,333
032	0603830F	SPACE SECURITY AND DEFENSE PROGRAM	32,399	32,399	32,399		32,399
033	0603851F	INTERCONTINENTAL BALLISTIC MISSILE—DEMVAL	108,663	108,663	108,663		108,663
035	0604015F	LONG RANGE STRIKE—BOMBER	1,358,309	1,056,009	1,358,309		1,358,309
		Excess to contract award		[-302,300]			
036	0604257F	ADVANCED TECHNOLOGY AND SENSORS	34,818	34,818	34,818		34,818
037	0604317F	TECHNOLOGY TRANSFER	3,368	3,368	3,368		3,368
038	0604327F	HARD AND DEEPLY BURIED TARGET DEFEAT SYSTEM (HDBTDS) PROGRAM ..	74,308	74,308	74,308		74,308
039	0604422F	WEATHER SYSTEM FOLLOW-ON	118,953	118,953	118,953		118,953
		Transfer Cloud Characterization and Theater Weather Imagery to NRO		[-5,000]			
040	0604425F	SPACE SITUATION AWARENESS SYSTEMS	9,901	9,901	9,901		9,901
041	0604776F	DEPLOYMENT & DISTRIBUTION ENTERPRISE R&D	25,890	25,890	25,890		25,890
042	0604857F	OPERATIONALLY RESPONSIVE SPACE	7,921	17,921	10,500		18,421
		Program increase		[20,000]			
		SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT	740,805	715,805	740,805	15,000	740,805

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043	0604858F	TECH TRANSITION PROGRAM	347,304	347,304	347,304		347,304
044	0605230F	GROUND BASED STRATEGIC DETERRENT	113,919	113,919	113,919		113,919
046	0207110F	NEXT GENERATION AIR DOMINANCE	20,595	15,595	20,595		20,595
		Program reduction		[-5,000]			
047	0207455F	THREE DIMENSIONAL LONG-RANGE RADAR (3DELRR)	49,491	39,491	49,491		49,491
		Excess funding to need		[-10,000]			
048	0305164F	NAVSTAR GLOBAL POSITIONING SYSTEM (USER EQUIPMENT) (SPACE)	278,147	278,147	278,147		278,147
049	0305236F	COMMON DATA LINK EXECUTIVE AGENT (CDL EA)	42,338	42,338	42,338		42,338
050	0306250F	CYBER OPERATIONS TECHNOLOGY DEVELOPMENT	158,002	158,002	158,002		158,002
051	0306415F	ENABLED CYBER ACTIVITIES	15,842	15,842	15,842		15,842
052	0901410F	CONTRACTING INFORMATION TECHNOLOGY SYSTEM	5,782	5,782	5,782		5,782
		SUBTOTAL ADVANCED COMPONENT DEVELOPMENT & PROTOTYPES	2,847,833	2,847,833	2,555,533	5,500	2,853,333
SYSTEM DEVELOPMENT & DEMONSTRATION							
054	0604270F	ELECTRONIC WARFARE DEVELOPMENT	12,476	12,476	12,476		9,176
		Improved GPS					
055	0604281F	TACTICAL DATA NETWORKS ENTERPRISE	82,380	82,380	82,380		82,380
056	0604287F	PHYSICAL SECURITY EQUIPMENT	8,458	8,458	8,458		8,458
057	0604329F	SMALL DIAMETER BOMB (SDB)—EMD	54,838	54,838	54,838		47,038
		Improved GPS					
058	0604421F	COUNTERSPACE SYSTEMS	34,394	34,394	34,394		34,394
059	0604425F	SPACE SITUATION AWARENESS SYSTEMS	23,945	23,945	23,945		23,945
060	0604426F	SPACE FENCE	168,364	168,364	168,364		168,364
061	0604429F	AIRBORNE ELECTRONIC ATTACK	9,187	9,187	9,187		9,187
062	0604441F	SPACE BASED INFRARED SYSTEM (SBIRS) HIGH EMD	181,966	181,966	181,966		181,966
063	0604602F	ARMAMENT/ORDNANCE DEVELOPMENT	20,312	20,312	20,312		20,312
064	0604604F	SUBMUNITIONS	2,503	2,503	2,503		2,503

065	0604617F	AGILE COMBAT SUPPORT	53,680	53,680	53,680	53,680	53,680
066	0604618F	JOINT DIRECT ATTACK MUNITION	9,901	9,901	9,901	9,901	9,901
067	0604706F	LIFE SUPPORT SYSTEMS	7,520	7,520	7,520	7,520	7,520
068	0604735F	COMBAT TRAINING RANGES	77,409	77,409	77,409	77,409	77,409
069	0604800F	F-35—EMD	450,467	450,467	450,467	450,467	450,467
070	0604853F	EVOLVED EXPENDABLE LAUNCH VEHICLE PROGRAM (SPACE)—EMD	296,572	296,572	296,572	296,572	160,000
		Launch System Development	[100,000]	[100,000]	[100,000]	[100,000]	[160,000]
		Next Generation Launch System Investment	[-296,572]	[-296,572]	[-296,572]	[-296,572]	[-296,572]
070A	0604XXXX	ROCKET PROPULSION SYSTEM	220,000	220,000	220,000	220,000	220,000
		Rocket Propulsion System Replacement of RD-180	[220,000]	[220,000]	[220,000]	[220,000]	[220,000]
071	0604932F	LONG RANGE STANDOFF WEAPON	95,604	95,604	95,604	95,604	95,604
072	0604933F	ICBM FUZE MODERNIZATION	189,751	189,751	189,751	189,751	189,751
073	0605030F	JOINT TACTICAL NETWORK CENTER (JTNC)	1,131	1,131	1,131	1,131	1,131
074	0605213F	F-22 MODERNIZATION INCREMENT 3.2B	70,290	70,290	70,290	70,290	70,290
075	0605214F	GROUND ATTACK WEAPONS FUZE DEVELOPMENT	937	937	937	937	937
076	0605221F	KC-46	261,724	121,724	121,724	121,724	121,724
		Scope Reduction	[-140,000]	[-140,000]	[-140,000]	[-140,000]	[-140,000]
077	0605223F	ADVANCED PILOT TRAINING	12,377	12,377	12,377	12,377	7,377
		Early to need	4,477	4,477	4,477	4,477	4,477
078	0605229F	CSAR HH-60 RECAPITALIZATION	319,331	319,331	319,331	319,331	304,331
		Forward financing					[-15,000]
080	0605431F	ADVANCED EHF MILSATCOM (SPACE)	259,131	259,131	259,131	259,131	229,131
		Delayed analysis of alternatives					[-30,000]
081	0605432F	POLAR MILSATCOM (SPACE)	50,815	50,815	50,815	50,815	50,815
082	0605433F	WIDEBAND GLOBAL SATCOM (SPACE)	41,632	41,632	41,632	41,632	51,632
		COMSATCOM pilot program					[10,000]
083	0605458F	AIR & SPACE OPS CENTER 10.2 RDT&E	28,911	28,911	28,911	28,911	28,911
084	0605931F	B-2 DEFENSIVE MANAGEMENT SYSTEM	315,615	288,957	288,915	288,915	288,915
		Scope Reduction	[-26,658]	[-26,658]	[-26,658]	[-26,658]	[-26,658]
085	0101125F	NUCLEAR WEAPONS MODERNIZATION	137,909	137,909	137,909	137,909	137,909
086	0207171F	F-15 EPAMSS	256,669	256,669	256,669	256,669	256,669
087	0207701F	FULL COMBAT MISSION TRAINING	12,051	12,051	12,051	12,051	12,051

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088	0305176F	COMBAT SURVIVOR EVADER LOCATOR	29,253	29,253	29,253		29,253
089	0307581F	JSTARS RECAP	128,019	128,019	128,019		128,019
090	0401319F	PRESIDENTIAL AIRCRAFT REPLACEMENT (PAR)	351,220	351,220	351,220		351,220
091	0701212F	AUTOMATED TEST SYSTEMS	19,062	19,062	19,062		19,062
		SUBTOTAL SYSTEM DEVELOPMENT & DEMONSTRATION	4,075,804	3,932,574	3,871,204	-134,372	3,941,432
		MANAGEMENT SUPPORT					
092	0604256F	THREAT SIMULATOR DEVELOPMENT	21,630	21,630	21,630		21,630
093	0604759F	MAJOR T&E INVESTMENT	66,385	66,385	66,385		66,385
094	0605101F	RAND PROJECT AIR FORCE	34,641	34,641	34,641		34,641
096	0605712F	INITIAL OPERATIONAL TEST & EVALUATION	11,529	11,529	11,529		11,529
097	0605807F	TEST AND EVALUATION SUPPORT	661,417	661,417	661,417		661,417
098	0605860F	ROCKET SYSTEMS LAUNCH PROGRAM (SPACE)	11,198	11,198	11,198		11,198
099	0605864F	SPACE TEST PROGRAM (STP)	27,070	27,070	27,070		27,070
100	0605976F	FACILITIES RESTORATION AND MODERNIZATION—TEST AND EVALUATION SUPPORT.	134,111	134,111	134,111		134,111
101	0605978F	FACILITIES SUSTAINMENT—TEST AND EVALUATION SUPPORT	28,091	28,091	28,091		28,091
102	0606017F	REQUIREMENTS ANALYSIS AND MATURATION	29,100	29,100	29,100		29,100
103	0606116F	SPACE TEST AND TRAINING RANGE DEVELOPMENT	18,528	18,528	18,528		18,528
104	0606392F	SPACE AND MISSILE CENTER (SMC) CIVILIAN WORKFORCE	176,666	176,666	176,666		176,666
105	0308602F	ENTERPRISE INFORMATION SERVICES (EIS)	4,410	4,410	4,410		4,410
106	0702806F	ACQUISITION AND MANAGEMENT SUPPORT	14,613	14,613	14,613		14,613
107	0804731F	GENERAL SKILL TRAINING	1,404	1,404	1,404		1,404
109	1001004F	INTERNATIONAL ACTIVITIES	4,784	4,784	4,784		4,784
		SUBTOTAL MANAGEMENT SUPPORT	1,245,577	1,245,577	1,245,577		1,245,577
		OPERATIONAL SYSTEMS DEVELOPMENT					

110	0603423F	GLOBAL POSITIONING SYSTEM III—OPERATIONAL CONTROL SEGMENT	393,268	393,268	393,268	393,268
111	0604233F	SPECIALIZED UNDERGRADUATE FLIGHT TRAINING	15,427	15,427	15,427	15,427
112	0604445F	WIDE AREA SURVEILLANCE	46,695	46,695	46,695	46,695
115	0605018F	AF INTEGRATED PERSONNEL AND PAY SYSTEM (AF-IPPS)	10,368	10,368	10,368	10,368
116	0605024F	ANTI-TAMPER TECHNOLOGY EXECUTIVE AGENCY	31,952	31,952	31,952	31,952
117	0605117F	FOREIGN MATERIEL ACQUISITION AND EXPLOITATION	42,960	42,960	42,960	42,960
118	0605278F	HC/MC-130 RECAP RDT&E	13,987	13,987	13,987	13,987
119	0101113F	B-52 SQUADRONS	78,267	78,267	78,267	78,267
120	0101122F	AIR-LAUNCHED CRUISE MISSILE (ALCM)	453	453	453	453
121	0101126F	B-1B SQUADRONS	5,830	5,830	5,830	5,830
122	0101127F	B-2 SQUADRONS	152,458	152,458	152,458	152,458
123	0101213F	MINUTEMAN SQUADRONS	182,958	182,958	182,958	182,958
124	0101313F	STRAT WAR PLANNING SYSTEM—USSTRATCOM	39,148	39,148	39,148	39,148
126	0101316F	WORLDWIDE JOINT STRATEGIC COMMUNICATIONS	6,042	6,042	6,042	6,042
128	0102110F	UH-1H REPLACEMENT PROGRAM	14,116	14,116	14,116	14,116
129	0102326F	REGION/SECTOR OPERATION CONTROL CENTER MODERNIZATION PROGRAM	10,868	10,868	10,868	10,868
130	010521F	SERVICE SUPPORT TO STRATCOM—SPACE ACTIVITIES	8,674	8,674	8,674	8,674
131	0205219F	MQ-9 UAV	151,373	200,373	186,473	161,373
		Auto take-off and landing capability		[35,000]		[10,000]
		Tactical Datalink Integration		[14,000]		
133	0207131F	A-10 SQUADRONS	14,853	14,853	14,853	14,853
134	0207133F	F-16 SQUADRONS	132,795	132,795	132,795	132,795
135	0207134F	F-15E SQUADRONS	356,717	356,717	356,717	356,717
136	0207136F	MANNED DESTRUCTIVE SUPPRESSION	14,773	14,773	14,773	14,773
137	0207138F	F-22A SQUADRONS	387,564	387,564	387,564	379,464
		Improved GPS				-8,100
138	0207142F	F-35 SQUADRONS	153,045	153,045	153,045	147,545
		Follow-on development—excess funds				-5,500
139	0207161F	TACTICAL AIM MISSILES	52,898	52,898	52,898	52,898
140	0207163F	ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM)	62,470	62,470	62,470	62,470
143	0207227F	COMBAT RESCUE—PARARESCUE	362	362	362	362
144	0207247F	AF TENCAP	28,413	31,613	28,413	28,413

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Line	Program Element	Item	FY 2017 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
145	0207249F	Restore FY16 level		[3,200]			
146	0207253F	PRECISION ATTACK SYSTEMS PROCUREMENT	649	649	649		649
		COMPASS CALL	13,723	50,823	13,723	37,100	50,823
		Compass Call Program Restructure		[37,100]		[37,100]	
147	0207268F	AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM	109,859	109,859	109,859		109,859
148	0207325F	JOINT AIR-TO-SURFACE STANDOFF MISSILE (JASSM)	30,002	30,002	30,002		30,002
149	0207410F	AIR & SPACE OPERATIONS CENTER (AOC)	37,621	37,621	37,621	-12,278	25,343
		Weapon system modification				[-12,278]	
150	0207412F	CONTROL AND REPORTING CENTER (CRC)	13,292	13,292	13,292		13,292
151	0207417F	AIRBORNE WARNING AND CONTROL SYSTEM (AWACS)	86,644	86,644	86,644		86,644
152	0207418F	TACTICAL AIRBORNE CONTROL SYSTEMS	2,442	2,442	2,442		2,442
154	0207431F	COMBAT AIR INTELLIGENCE SYSTEM ACTIVITIES	10,911	15,911	10,911	5,000	15,911
		Geospatial software development		[5,000]		[5,000]	
155	0207444F	TACTICAL AIR CONTROL PARTY-MOD	11,843	11,843	11,843		11,843
156	0207448F	C2ISR TACTICAL DATA LINK	1,515	1,515	1,515		1,515
157	0207452F	DCAPEX	14,979	14,979	14,979		14,979
158	0207590F	SEEK EAGLE	25,308	25,308	25,308		25,308
159	0207601F	USAF MODELING AND SIMULATION	16,666	16,666	16,666		16,666
160	0207605F	WARGAMING AND SIMULATION CENTERS	4,245	4,245	4,245		4,245
161	0207697F	DISTRIBUTED TRAINING AND EXERCISES	3,886	3,886	3,886		3,886
162	0208006F	MISSION PLANNING SYSTEMS	71,785	71,785	71,785		71,785
164	0208087F	AF OFFENSIVE CYBERSPACE OPERATIONS	25,025	25,025	25,025		25,025
165	0208088F	AF DEFENSIVE CYBERSPACE OPERATIONS	29,439	29,439	29,439		29,439
166	0301017F	GLOBAL SENSOR INTEGRATED ON NETWORK (GSIN)	3,470	3,470	3,470		3,470
169	0301112F	NUCLEAR PLANNING AND EXECUTION SYSTEM (NPES)	4,060	4,060	4,060		4,060
175	0301400F	SPACE SUPERIORITY INTELLIGENCE	13,880	13,880	13,880		13,880
176	0302015F	E-4B NATIONAL AIRBORNE OPERATIONS CENTER (NAOC)	30,948	30,948	30,948		30,948

177	0303001F	FAMILY OF ADVANCED BLOS TERMINALS (FAB-T)	42,378	42,378	42,378	42,378
178	0303131F	MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NETWORK (MEECN)	47,471	47,471	47,471	47,471
179	0303140F	INFORMATION SYSTEMS SECURITY PROGRAM	46,388	46,388	46,388	46,388
180	0303141F	GLOBAL COMBAT SUPPORT SYSTEM	52	52	52	52
181	0303142F	GLOBAL FORCE MANAGEMENT—DATA INITIATIVE	2,099	2,099	2,099	2,099
184	0304260F	AIRBORNE SIGINT ENTERPRISE	90,762	90,762	90,762	90,762
187	0305099F	GLOBAL AIR TRAFFIC MANAGEMENT (GATM)	4,354	4,354	4,354	4,354
188	0305110F	SATELLITE CONTROL NETWORK (SPACE)	15,624	15,624	15,624	15,624
189	0305111F	WEATHER SERVICE	19,974	22,974	19,974	22,974
		Commercial Weather Pilot Program	[3,000]	[3,000]		[3,000]
190	0305114F	AIR TRAFFIC CONTROL, APPROACH, AND LANDING SYSTEM (ATCAL)	9,770	9,770	9,770	9,770
191	0305116F	AERIAL TARGETS	3,051	3,051	3,051	3,051
194	0305128F	SECURITY AND INVESTIGATIVE ACTIVITIES	405	405	405	405
195	0305145F	ARMS CONTROL IMPLEMENTATION	4,844	4,844	4,844	4,844
196	0305146F	DEFENSE JOINT COUNTERINTELLIGENCE ACTIVITIES	339	339	339	339
199	0305173F	SPACE AND MISSILE TEST AND EVALUATION CENTER	3,989	3,989	3,989	3,989
200	0305174F	SPACE INNOVATION, INTEGRATION AND RAPID TECHNOLOGY DEVELOPMENT	3,070	3,070	3,070	3,070
201	0305179F	INTEGRATED BROADCAST SERVICE (IBS)	8,833	8,833	8,833	8,833
202	0305182F	SPACELIFT RANGE SYSTEM (SPACE)	11,867	11,867	11,867	11,867
203	0305202F	DRAGON U-2	37,217	37,217	37,217	37,217
205	0305206F	AIRBORNE RECONNAISSANCE SYSTEMS	3,841	18,841	3,841	18,841
		Wide area motion imagery	[15,000]	[15,000]		[15,000]
206	0305207F	MANNED RECONNAISSANCE SYSTEMS	20,975	20,975	20,975	20,975
207	0305208F	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	18,902	18,902	18,902	18,902
208	0305220F	RQ-4 UAV	256,307	256,307	256,307	256,307
209	0305221F	NETWORK-CENTRIC COLLABORATIVE TARGETING	22,610	16,310	22,610	22,610
		Program reduction	[-6,300]	[-6,300]		[-6,300]
211	0305238F	NATO AGS	38,904	38,904	38,904	38,904
212	0305240F	SUPPORT TO DCSG ENTERPRISE	23,084	23,084	23,084	23,084
213	0305258F	ADVANCED EVALUATION PROGRAM	116,143	116,143	116,143	116,143
214	0305265F	GPS III SPACE SEGMENT	141,888	141,888	141,888	141,888
215	0305600F	INTERNATIONAL INTELLIGENCE TECHNOLOGY AND ARCHITECTURES	2,360	2,360	2,360	2,360

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Line	Program Element	Item	FY 2017 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
216	0305614F	JSPC MISSION SYSTEM	72,889	72,889	72,889		72,889
217	0305881F	RAPID CYBER ACQUISITION	4,280	4,280	4,280		4,280
218	0305906F	NCMC—TW/AA SYSTEM	4,951	4,951	4,951		4,951
219	0305913F	NUDET DETECTION SYSTEM (SPACE)	21,093	21,093	21,093		21,093
220	0305940F	SPACE SITUATION AWARENESS OPERATIONS	35,002	35,002	35,002		35,002
222	0308699F	SHARED EARLY WARNING (SEW)	6,366	6,366	6,366		6,366
223	0401115F	C-130 AIRLIFT SQUADRON	15,599	15,599	15,599		15,599
224	0401119F	C-5 AIRLIFT SQUADRONS (IF)	66,146	66,146	66,146		66,146
225	0401130F	C-17 AIRCRAFT (IF)	12,430	12,430	12,430		12,430
226	0401132F	C-130J PROGRAM	16,776	16,776	16,776		16,776
227	0401134F	LARGE AIRCRAFT IR COUNTERMEASURES (LAIRCIM)	5,166	5,166	5,166		5,166
229	0401314F	OPERATIONAL SUPPORT AIRLIFT	13,817	13,817	13,817		13,817
230	0401318F	CV-22	16,702	16,702	16,702		16,702
231	0408011F	SPECIAL TACTICS / COMBAT CONTROL	7,164	7,164	7,164		7,164
232	0702207F	DEPOT MAINTENANCE (NON-IF)	1,518	1,518	1,518		1,518
233	0708610F	LOGISTICS INFORMATION TECHNOLOGY (LOGIT)	61,676	61,676	61,676		61,676
234	0708611F	SUPPORT SYSTEMS DEVELOPMENT	9,128	9,128	9,128		9,128
235	0804743F	OTHER FLIGHT TRAINING	1,653	1,653	1,653		1,653
236	080716F	OTHER PERSONNEL ACTIVITIES	57	57	57		57
237	0901202F	JOINT PERSONNEL RECOVERY AGENCY	3,663	3,663	3,663		3,663
238	0901218F	CIVILIAN COMPENSATION PROGRAM	3,735	3,735	3,735		3,735
239	0901220F	PERSONNEL ADMINISTRATION	5,157	5,157	5,157		5,157
240	0901226F	AIR FORCE STUDIES AND ANALYSIS AGENCY	1,523	1,523	1,523		1,523
242	0901538F	FINANCIAL MANAGEMENT INFORMATION SYSTEMS DEVELOPMENT	10,581	10,581	3,781		10,581
		Cost estimating unjustified request			[-4,900]		
		PBES unjustified request			[-1,900]		
242A	9999999999	CLASSIFIED PROGRAMS	13,091,557	13,091,557	13,091,557		13,091,557