

Bill Number: Defense Appropriations Bill, FY09 H.R. 2638.

Account: Navy, RDT&E.

Legal Name of Requesting Entity: BAE Systems.

Address of Requesting Entity: 33964 N. Main Street, Bayview, ID 83803.

Description of Request: Provide an appropriation of \$480K in FY 2009 to fund the development of a shore based Large Scale Vehicle (LSV) Operations and Data Acquisition Enhancement at the Naval Surface Warfare Center (NSWC), Acoustic Research Detachment (ARD), Bayview, ID.

Approximately, \$140K for labor and \$340K for material purchases will be required. Labor breakdown is as follows:

Management: \$8,000.

Engineering Design: \$8,000.

Material Research & Purchasing: \$4,000.

Assembly: \$120,000.

This appropriation will fund a fiber optic link from the LSV radiated noise arrays in Lake Pend Oreille to the ARD shore based data acquisition laboratory and thereby replace an inefficient floating laboratory. This enhancement will greatly improve the utilization of resources during project testing at the ARD by eliminating the need for scientists and engineers to transit to the operations range on the lake for each underway and will improve the ability to monitor LSV range ambient conditions, from the ARD, reducing the number of weather terminated operations.

Requesting Member: BILL SALI.

The bill number: H.R. 2638.

The account: RTDE,N.

The legal name of requesting entity: University of Idaho, Microelectronics Research and Communications Institute located at Buchanan Engineering Laboratory, P.O. Box 441024, Moscow, ID 83844.

The single most damaging threat to the U.S. Naval Fleet is surface and subsurface mines. As noted in a letter from the Naval Surface Warfare Center at Carderock, the Navy "is actively developing technologies to enable electric power systems to meet future mission and affordability requirements of submarine and surface ships." In order to be successful, the impact of electric power and propulsion systems on electromagnetic (EM) signatures must be understood so that ships with such systems can operate successfully against mines and detection. The \$1,600,000 in requested funds will be used to continue research and testing work with the Navy's Acoustic Research Detachment (ARD) at Bayview to generate numerical and analytical models of ELF signals in shallow and deep water environments in order to mitigate the mine threat and to naval vessels that use electric propulsion; these models will be verified experimentally at Bayview given the unique features of Lake Pend Oreille and the experimental capability of ARD. Approximately, \$488,000 is for salaries, \$105,000 for materials, supplies, computers, travel, publications, etc., \$290,000 is for overhead and \$675,000 is for subaward costs and \$42,000 for tuition and fees. This is the last year of funding for this project.

Requesting Member: Congressman BILL SALI.

Bill Number: Defense Appropriations Bill, FY09 H.R. 2638.

Account: Navy, RDT&E.

Legal Name of Requesting Entity: BAE Systems.

Address of Requesting Entity: 33964 N. Main Street, Bayview, ID 83803.

Description of Request: Provide an appropriation of \$1.5 million in FY 2009 to fund the development of a Test Support Platform for the Naval Surface Warfare Center (NSWC), Acoustic Research Detachment (ARD), Bayview, ID.

Approximately, \$500K for labor and \$1.0 million for material purchases will be required.

Labor breakdown is as follows:

Management: \$20,000.

Engineering Design: \$50,000.

Material Research & Purchasing: \$30,000.

Assembly: \$400,000.

This appropriation will be used to assemble a platform that will be used on Lake Pend Oreille in support of various projects working through the ARD. The existing ARD test support platforms are old and require significant configuration changes each time these barges are utilized for various projects. This request is intended to greatly improve the future project support that will be provided by the ARD by developing a modern test support platform configured with modern systems, acoustically isolated generators, and an effective laboratory space.

EARMARK DECLARATION

HON. KEN CALVERT

OF CALIFORNIA

IN THE HOUSE OF REPRESENTATIVES

Wednesday, September 24, 2008

Mr. CALVERT. Madam Speaker, I have received congressional appropriations in H.R. 2638, the Consolidated Security, Disaster Assistance, and Continuing Appropriations Act, FY 2009, for three projects in California's 44th Congressional District which are described as follows:

Requesting Member: Congressman KEN CALVERT.

Bill Number: H.R. 2683.

Account: Standards Development—Research, Development, Test & Evaluation, Navy.

Legal Name of Requesting Entity: Naval Surface Warfare Center, Corona Division.

Address of Requesting Entity: Naval Surface Warfare Center Corona Division, 2300 Fifth St., Norco, CA.

Description of Request: The stated project has received a congressional appropriation in the amount of \$2,800,000. The appropriation is for a project which would continue work in the areas of Primary and Depot Maintenance calibration standards. Specifically the work will be done in the technology areas of Nuclear, Biological and Chemical (NBC), electro-optics, and physical-mechanical. The purpose of the work is to ensure measurement accuracy in support and maintenance of new advanced technology weapon systems, current weapon systems and associated support equipment. Specifically, the funding also continues efforts of calibration standards (hardware) in support of Nanoscale Dimensional Standards using Atomic Force Microscopy (AFM). Standards developed through this ongoing program provide continued measurement support and capability to ensure that our Nation's advanced weapon systems operate as designed and detectors accurately recognize threats.

Requesting Member: Congressman KEN CALVERT.

Bill Number: H.R. 2683.

Account: Defense Wide—Research, Development, Test & Evaluation.

Legal Name of Requesting Entity: Center for Nanoscale Science and Engineering, University of California, Riverside.

Address of Requesting Entity: 900 University Avenue, Riverside, CA.

Description of Request: The stated project has received a congressional appropriation in the amount of \$2,400,000. This project aims to take advantage of recent advances in nanomaterials and nanodevices to begin to address the issue necessary to take the electronics industry beyond the two-dimensional silicon based devices and wiring and to develop high density, 3D electronics technology together with associated packaging, portable power sources and heat dissipation solutions. UC Riverside has substantial expertise in the development of nanomaterials that offer extraordinary properties when properly engineered for these applications. The proposed effort will fund technology development studies in the following five areas: 3D integration of RF and Digital technologies; materials development for thermal management; materials development for 3D wiring; materials development for multi-technology isolation; and development of process equipment for advanced 3D processes and materials manufacturing. The availability of new approaches to very high density electronics and compact power sources that are built from the new generation of nanomaterials will greatly aid the DoD mission in providing advanced electronics and power in the battlefield.

Requesting Member: Congressman KEN CALVERT.

Bill Number: H.R. 2683.

Account: Defense Wide—Operations & Maintenance.

Legal Name of Requesting Entity: March Joint Powers Authority.

Address of Requesting Entity: 23555 Meyer Drive, Riverside, CA.

Description of Request: The stated project has received a congressional appropriation in the amount of \$1,200,000 for the purpose of demolishing existing structures on the northeast corner of the former March Air Force Base. The demolition of the buildings is necessary due to structural deficiencies, ADA compliance or prohibitive cost to meet modernization and current building code requirements.

EARMARK DECLARATION

HON. JOHN ABNEY CULBERSON

OF TEXAS

IN THE HOUSE OF REPRESENTATIVES

Wednesday, September 24, 2008

Mr. CULBERSON. Madam Speaker, pursuant to the Republican Leadership standards on earmarks, I am submitting the following information regarding earmarks I received as part of Bill Number: H.R. 2638—The Consolidated Security, Disaster Assistance, and Continuing Appropriations Act, 2009.

Requesting Member: Congressman JOHN CULBERSON.

Bill Number: H.R. 2638—The Consolidated Security, Disaster Assistance, and Continuing Appropriations Act, 2009.

Account: U.S. Army, Research, Development, Test and Evaluation account, Medical

Advanced Technology, line 30, PE #0603002A.

Legal Name and Address of Requesting Entity: Dr. Mauro Ferrari, President, Alliance for NanoHealth, 1825 Pressler Street, Suite 537C, Houston, Texas 77030.

Description of Request: Provides \$3,200,000 to the Alliance for NanoHealth for advancing the state of nanomedicine through innovative peer reviewed grant programs and infrastructure development projects to identify and cure human diseases at the earliest stages. The Alliance for NanoHealth is one of the Nation's leading institutional collaborations dedicated to applying nanotechnology to solve some of medicine's most compelling questions. Principal to the mission of the Alliance is facilitating the translation of nanotechnology from the laboratory to clinical practice by leveraging the world renowned clinical and scientific resources of the Texas Medical Center. The Alliance is committed to advancing the state of nanomedicine through innovative seed grant programs and infrastructure development projects to facilitate "proof-of-concept" research and advance nanomedicine from concept to therapeutic and pharmaceutical solutions to disease. \$3,000,000 would be used as seed grant for research funding, and \$1 million will be used for core facility infrastructure development.

Requesting Member: Congressman JOHN CULBERSON.

Bill Number: H.R. 2638—The Consolidated Security, Disaster Assistance, and Continuing Appropriations Act, 2009.

Account: U.S. Air Force's Research, Development, Test and Evaluation account, Materials, line 8, PE #0602102F.

Legal Name and Address of Requesting Entity: Rice University, 6100 Main Street, Houston, Texas 77005.

Description of Request: Provides \$2,400,000 for the armchair quantum wire project to dramatically improve the ability of the Air Force and other services to fulfill their missions, increase the energy industry's ability to generate, store and transmit electricity, enhance the oil & gas companies' ability to find and extract gas and petroleum, and build new industries and jobs. armchair quantum wire is wire made from special Single-Wall Carbon Nanotubes (SWNT) and takes advantage of the ultra-high strength and conductivity of SWNT to make order-of-magnitude improvements in materials and electronics. SWNTs are one-sixth the weight and at least ten times the strength of steel. Materials made with armchair quantum wire—which is a special combination of SWNTs—will make airplanes stronger and lighter, make new armor possible, and make entirely new weapons and defense systems possible. The funding provided by the Federal Government is being matched on a 2–1 basis by local sources.

Requesting Member: Congressman JOHN CULBERSON.

Bill Number: H.R. 2638—The Consolidated Security, Disaster Assistance, and Continuing Appropriations Act, 2009.

Account: U.S. Army's Research, Development, Test and Evaluation account, Medical Advanced Technology, line 28, PE #0602787A.

Legal Name and Address of Requesting Entity: The Methodist Hospital System, 8060 El Rio, Houston, Texas 77054.

Description of Request: Provides \$1,600,000 for developing nano-imaging

agents to ensure drug delivery devices reach targeted cells. Recent progress in nanomedicine research has created a new wave of innovation in medical diagnosis and treatment. Currently, no research institute or university has a Good Manufacturing Process (GMP) facility to produce nano-sized imaging agents. GMP is a term that refers to manufacturing standards and quality control testing for products. Regulation for quality generally includes requirements related to the methods and facilities used for designing, manufacturing, storing etc. of medical devices and drugs intended for human use. All military branches faces shortages of enlisted and officer personnel. Diseases that can be impacted at the cellular level and corrected at that level permit personnel to function longer and more effectively without turnover related to medical issues. The project could lead to earlier, targeted diagnosis and intervention that would reduce medically-related turnover in personnel. The funds will be used to purchase two Good Manufacturing Process manufacturing work stations at \$400,000 each; for a quality control laboratory work station at \$800,000; and for a general preparation work station at \$400,000.

HONORING DAWN HARPER, GOLD MEDAL WINNER AT THE 2008 OLYMPIC GAMES

HON. JERRY F. COSTELLO

OF ILLINOIS

IN THE HOUSE OF REPRESENTATIVES

Wednesday, September 24, 2008

Mr. COSTELLO. Madam Speaker, I rise today to ask my colleagues to join me in honoring Dawn Harper, Gold Medal winner in the 100-meter hurdles at the 2008 Olympic Games in Beijing.

Growing up in East St. Louis, IL, Dawn Harper was captivated by the athletic accomplishments of a fellow East St. Louis native, Jackie Joyner-Kersey. Recognizing that Jackie Joyner-Kersey made the most of her talents and abilities through years of hard work and perseverance, Dawn dedicated herself to following a similar path.

Dawn showed early promise as a track star at East St. Louis Senior High School where she won both the 100-meter and 300 meter hurdles at the Illinois State Championships as a freshman. She would repeat that spectacular feat two more times during her high school career. Even though she was slowed by an ACL injury her sophomore year, she still placed second in the 100-meter hurdles at the state championships.

Following again in Jackie Joyner-Kersey's footsteps, Dawn decided to pursue her collegiate career at UCLA. While at UCLA, Dawn would earn honors as USA Junior champion, Pan Am Junior champion, NACAC U23 champion, and multiple All-American selections at the NCAA Outdoor Championships. Dawn graduated from UCLA in 2006.

Dawn tried out for the 2004 Olympic team and finished 18th in the 100-meter hurdles. Her hard work and persistence paid off in the 2008 Olympic trials where she placed 3rd, earning her a spot on the team to represent the United States at the 2008 Olympic Games in Beijing. Dawn ran well in her preliminary heats and placed 3rd in the semifinals. This

secured her place in the finals where she was not to be denied, winning the championship with a personal best time of 12.54 seconds.

In victory, Dawn displayed not only the athletic ability of a champion but also the grace and sportsmanship, congratulating her teammates for their efforts and giving thanks to those who have helped her in her quest for this momentous accomplishment.

Madam Speaker, I ask my colleagues to join me in congratulating Dawn Harper, Olympic champion and Gold Medal winner at the 2008 Olympic Games and wishing her the best as she continues to pursue her athletic career and beyond.

EARMARK DECLARATION

HON. BRIAN P. BILBRAY

OF CALIFORNIA

IN THE HOUSE OF REPRESENTATIVES

Wednesday, September 24, 2008

Mr. BILBRAY. Madam Speaker, I submit the following:

Requesting Member: Congressman BRIAN BILBRAY.

Bill Number: H.R. 2638 (The Consolidated Security, Disaster Assistance, and Continuing Appropriations Act).

Account: Federal Emergency Management Agency (FEMA), Predisaster Mitigation.

Legal Name of Requesting Entity: The City of San Diego, CA.

Address of Requesting Entity: 202 C Street, San Diego, CA 92101, USA.

Description of Request: As you may know, San Diego County suffered through one of the worst fire storms in our nation's history last October destroying more than 1,500 homes at a cost of more than \$1 billion. This funding would implement wildfire fuels reduction and brush management to create 100 feet of defensible space on 1,180 acres of open space property owned by the City, prioritized based on fire threat mapping by the Fire Chief.

Recent history has proven that major wildland fire events have exceptional costs to all involved, including private property owners, local, state and federal governments. Major disasters such as the ones experienced in San Diego last fall cost the federal government significant amounts in response and recovery. While final expenditures are not known, FEMA received applications from thousands in the San Diego region. By thinning the brush in the wildland urban area interface, structures stand a better chance of being defended. By saving these structures, fewer FEMA and SBA dollars will need to be extended to property owners for recovery purposes.

I secured a member's request of \$1,000,000 to expedite City of San Diego completion of wildfire fuels reduction and vegetation management strategies in order to prevent future wildfires like those experienced in October 2003 and 2007. The project meets the intended and authorized purpose of the FEMA Predisaster Mitigation account, and FEMA program guidelines (June 28, 2008) explicitly cite vegetation management as an eligible mitigation project activity. The City of San Diego has approved \$2 million from its general fund for this project during FY2009.