

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