

the FY08–13 Future Years Defense Plan. This earmark would authorize procurement of an additional twenty systems.

Requesting Member: Congressman GEOFF DAVIS.

Bill Number: H.R. 5658.

Account: Research, Development, Test & Evaluation, Army.

Legal Name of Requesting Entity: Ashland Inc.

Address of Requesting Entity: 50 E. River Center Blvd, Covington, KY 41012–0391.

Description of Request: Authorize \$300,000 to develop advanced, environmentally-friendly, nano-based rust-corrosion-UV protective spray coatings based upon the Lotus Effect. Such coatings could prevent moisture and associated oxygen from getting to a surface and causing rust or corrosion. These surface-protective coatings would be comprised of materials that are environmentally-benign and durable.

The U.S. military owns vast amounts of equipment and vehicles that see considerable amounts of storage time. This equipment must be either stored indoors or chemically-treated for protection in outdoor storage. Even treatment of equipment for indoor storage adds a significant level of added protection for long-term storage that is non-climate-controlled. Typically, the chemicals used to protect equipment in outdoor storage are not highly-durable thus requiring maintenance and are also typically environmentally noxious or even highly toxic.

Approximately, \$200,000 is for development of the Nano-particle Protectant Systems and \$100,000 is for development of the Dispersion and Delivery systems. A nano-particle protectant “system” is a combination of chemicals that work together to provide the desired protective coating. A dispersion and delivery system is the liquid dispersing system (mixture of liquids) needed to disperse that combination of chemicals. A key element is the equipment to spray the coating on the equipment surface.

Requesting Member: Congressman GEOFF DAVIS.

Bill Number: H.R. 5658.

Account: Research, Development, Test & Evaluation, Army.

Legal Name of Requesting Entity: Ashland Inc.

Address of Requesting Entity: 50 E. River Center Blvd, Covington, KY 41012–0391.

Description of Request: Authorize \$2,200,000 to continue development of advanced coolant and lubricant systems utilizing nano-particle systems to enhance the capabilities of military ground vehicles and simplify supply logistics. FY09 will be the third year of this project. The focus will be on transition to commercial production and final testing of stable nanofluids with improved cooling and lubrication properties while meeting all environmental requirements and making these processes commercially scalable.

Approximately, \$400,000 will be used to transition production from development to commercial scale; \$1,000,000 will be used for engine and vehicle dynamometer testing; and \$800,000 is for field demonstrations. A dynamometer is a device that absorbs the power of an engine in the absence of a vehicle to move. The test engine to be used is the new production engine for the HMMWV that has been the engine of choice for that vehicle for the past several years. A test cell is a physical

container or room that is properly outfitted for housing an engine-dynamometer combination for controlled and safe operations. Field testing of the nanofluids will occur through use of the HMMWV vehicle with the Optimizer 6500 Turbo-Diesel engine under extreme arctic and desert conditions.

Military vehicles are designed to meet exceedingly strict and arduous cooling, lubrication and overall performance requirements. One of the goals of the Tank Automotive Command is to increase the performance and durability of engines, power trains and their component parts to support Army transformation in the areas of system mobility, durability, reliability and survivability and may ultimately serve to reduce the logistics cost burden for the Objective Force.

Requesting Member: Congressman GEOFF DAVIS.

Bill Number: H.R. 5658.

Account: Research, Development, Test & Evaluation, Army.

Legal Name of Requesting Entity: STARCON.

Address of Requesting Entity: 11631 U.S. Route 23; Catlettsburg, KY 41129.

Description of Request: Authorize \$1,000,000 to develop the Cyber Forensics and Tracking Capability (CFTC) tool to support the Department of Defense cyber security operations for protecting digital forensic data for computer and network systems to counter emerging adversary threats. The primary objective of CFTC is preventing emerging cyber adversary techniques, called counter-forensics, whereby the criminal disguises and removes any trace of his illicit and potentially destructive network and computer activities. The CFTC will be demonstrated and tested through field exercises, technology demonstrations and other initiatives. CFTC is envisioned as an important part of the arsenal of cyber security solutions to thwart, track and prosecute adversaries.

CFTC operates in a network-centric environment using existing conventional computing platforms. CFTC is another cyber asset to protect critical systems and networks against increasingly sophisticated adversaries.

Requesting Member: Congressman GEOFF DAVIS.

Bill Number: H.R. 5658.

Account: Operations & Maintenance, Air Force.

Legal Name of Requesting Entity: TIER1 Performance Solutions, LLC.

Address of Requesting Entity: 6 East 5th Street, Suite 400, Covington, KY 41011.

Description of Request: Authorize \$3,000,000 for the Engineering Training and Knowledge Preservation System (ETKPS). The Air Force is facing significant turnover in its senior technical personnel. The Air Force Materiel Command (AFMC) could lose as many as sixty percent of its top engineers over the next three to five years.

Preserving the knowledge base is essential to AFMC and will be a massive undertaking requiring processes and tools to capture operational, technical, and critical thinking knowledge. Integrating the ability to capture, store, align, and transfer knowledge to the next generation workforce through a single, secure Web-based knowledge and training portal is necessary. Functionality of this solution must include the ability to track an individual's skills across competencies throughout his/her ca-

reer; evaluate all existing training and compare the cost-benefits of competing training approaches; allow experienced personnel to easily create new training and knowledge content in accordance with pre-defined standards; plug into existing defined competencies and skill requirements and capture knowledge from subject-matter-experts to address these; link novices to experts in real-time through a virtual Web Center; categorize, organize and search all knowledge and information across the enterprise; deliver assessments to determine skill proficiencies; deliver information in a variety of ways—through distance learning, on-line reference systems, technical manuals, job aids, mobile devices and other tools. FY 09 will be year four of this ongoing project.

Approximately, \$50,000 will be used for requirements analysis; \$125,000 will be used for functional design; \$225,000 will be used for enhanced feature development; and \$250,000 is for USAF system integration; \$450,000 is for user acceptance testing; and \$1,900,000 is for USAF selected site development. Requirements analysis is an ongoing rigorous process to ensure the product meets the very specific needs of the Air Force Materiel Command (AFMC). Functional design results in a document used to inform and gain agreement that what is being developed will satisfy the AFMC user requirements. Enhanced feature development results in a prototype developed per the functional design which is presented to AFMC for testing and feedback. USAF system integration establishes proper interfaces between the ETKPS system and existing Air Force IT systems. User acceptance testing is used to evaluate the quality and usability of the product. USAF selected site development will result in the deployment of ETKPS to six Air Force bases insuring consistency across all bases.

These system capabilities will enable AFMC to organize and align information to support on-going training and development of its total workforce. Funding for this effort is critical to AFMC for maximizing the effectiveness and efficiency of retaining existing knowledge capital and for building effective training programs that support the development of new personnel.

## BAHA'I LEADERS ARRESTED IN TEHRAN

**HON. FRANK R. WOLF**

OF VIRGINIA

IN THE HOUSE OF REPRESENTATIVES

Wednesday, May 21, 2008

Mr. WOLF. Madam Speaker, I continue to be extremely concerned about the treatment of Baha'is in Iran. Recent reports indicate that on May 14, Iranian intelligence agents forcibly raided the homes and subsequently arrested six of seven prominent members of the Baha'i leadership in Tehran. The seventh member of the leadership group was arrested 2 months ago in Mashhad. They have reportedly been taken to the notorious Evin prison in Tehran. Many former prisoners have given horrifying accounts of the abuse, torture, and rape that takes place inside the prison walls.

The Baha'is are Iran's largest non-Muslim religious minority and have faced continuous persecution since the government banned all formal Baha'i activity in 1983. Under President

Ahmadinejad, harassment, attacks and arrests of Baha'is have become increasingly common.

In the early 1980s, 17 Baha'i leaders were arrested and either executed, abducted and disappeared in a systematic campaign to eliminate Baha'i influence in Iran. I pray that this is not the fate of the six arrested this past week.

Iran continues to break its promises to the international community. I call on the international community to follow the lead of the U.S. State Department and strongly condemn the unwarranted arrests and detention of the Baha'i leadership.

#### RECOGNIZING THE MILITARY FAMILIES OF NEW JERSEY'S EIGHTH CONGRESSIONAL DISTRICT

**HON. BILL PASCRELL, JR.**

OF NEW JERSEY

IN THE HOUSE OF REPRESENTATIVES

*Wednesday, May 21, 2008*

Mr. PASCRELL. Madam Speaker, I would like to call to your attention the great Military Families of one of the great communities in New Jersey's Eighth Congressional District, the Township of Livingston in the County of Essex. These families, with the help and support of various veterans and civic groups throughout Livingston, strive to support their loved ones as they serve their Nation many miles from home.

It is only fitting that these patriotic citizens and their courageous family members be honored in this, the permanent record of the greatest democracy ever known, for their efforts in support of the brave servicemen and women who are fighting every day to help ensure that people everywhere have the right to live in peace and safety.

Livingston has a long and glorious history among the towns of New Jersey, and its residents have always been willing to do whatever was needed to defend American ideals. Their families have led the way in supporting their efforts, keeping the home fires burning, sending care packages as well as their prayers. At this time there are over twenty-five families whose loved ones currently serve our Nation in all branches of the military. I would especially like to commend the families of the following:

Nicholas Albicocco, Aaron Attermann, Jeffrey Cushman, Louis Del Tufo, Daniel Devlin, Michael Goldfarb, John Rey Julian, Daniel Oliva, Eric Powell, Lee Tam, Robert Tilley, Mikel Weich, Adam Winter, Charles Garbarino.

Brian Asman, Christopher Courter, Shea Datz, Joshua Denton, Jonah Eisenstark, Ryan Healy, John D. Kramer, Scott Perry, Steve Roman, Grant Thompson, John Tomczyk, Scott Wild, and Michael Wishnia.

The job of a United States Congressman involves much that is rewarding, yet nothing compares to learning about and recognizing outstanding citizens such as these who are making the greatest of sacrifices for the sake of our Nation.

Madam Speaker, I ask that you join our colleagues, the citizens of the Township of Livingston, and me in recognizing the outstanding contributions of these families to the United States of America.

#### EARMARK DECLARATION

**HON. KEN CALVERT**

OF CALIFORNIA

IN THE HOUSE OF REPRESENTATIVES

*Wednesday, May 21, 2008*

Mr. CALVERT. Madam Speaker, I have received congressional authorization in the House-passed version of the National Defense Authorization Act for Fiscal Year 2009 for two projects in California's 44th Congressional District which are described as follows:

Requesting Member: Congressman KEN CALVERT.

Bill Number: H.R. 5658.

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 92860.

Description of Request: I have received congressional authorization in the House-passed version of the National Defense Authorization Act for Fiscal Year 2009 (NDAA FY09) for a requested project in the amount of \$2,000,000. The authorization 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 provides 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. 5658.

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, California 92521.

Description of Request: I have received congressional authorization in the House-passed version of the National Defense Authorization Act for Fiscal Year 2009 (NDAA FY09) for a requested project in the amount of \$3,000,000 for 3-D-electronics technology. 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.

#### SENATE COMMITTEE MEETINGS

Title IV of Senate Resolution 4, agreed to by the Senate on February 4, 1977, calls for establishment of a system for a computerized schedule of all meetings and hearings of Senate committees, subcommittees, joint committees, and committees of conference. This title requires all such committees to notify the Office of the Senate Daily Digest—designated by the Rules Committee—of the time, place, and purpose of the meetings, when scheduled, and any cancellations or changes in the meetings as they occur.

As an additional procedure along with the computerization of this information, the Office of the Senate Daily Digest will prepare this information for printing in the Extensions of Remarks section of the CONGRESSIONAL RECORD on Monday and Wednesday of each week.

Meetings scheduled for Thursday, May 22, 2008 may be found in the Daily Digest of today's RECORD.

#### MEETINGS SCHEDULED

##### JUNE 3

9:30 a.m.

Armed Services

To hold hearings to examine the acquisition of major weapons systems by the Department of Defense.

SD-106

##### JUNE 4

9:30 a.m.

Veterans' Affairs

To hold an oversight hearing to examine systemic indifference to invisible wounds.

SR-418

10 a.m.

Judiciary

To hold hearings to examine ways to improve the detainee policy, focusing on handling terrorism detainees within the American justice system.

SD-226

##### JUNE 5

9:30 a.m.

Energy and Natural Resources

To hold hearings to examine off-highway vehicle management on public lands.

SD-366

##### JUNE 26

9:30 a.m.

Veterans' Affairs

Business meeting to mark up pending calendar business.

SR-418