

## EARMARK DECLARATION

**HON. ELTON GALLEGLY**

OF CALIFORNIA

IN THE HOUSE OF REPRESENTATIVES

*Wednesday, September 24, 2008*

EARMARKS FOR FY 09 DEFENSE APPROPRIATIONS BILL, INCLUDED IN OF THE SENATE AMENDMENT TO H.R. 2638—CONSOLIDATED SECURITY, DISASTER ASSISTANCE, AND CONTINUING APPROPRIATIONS ACT, 2009

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

Requesting Member: Representative ELTON GALLEGLY, CA—24.

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

Account: Research, Development, Testing, and Evaluation, Navy, Line 94, Electronic Warfare Development.

Legal name and address of receiving entity: NAWCWD Point Mugu at Naval Base Ventura County, Point Mugu, CA 93042.

Description of Request: This \$1,600,000 would be for the development and construction of the Enhanced Electronic Warfare laboratory at NAWCWD Point Mugu. This laboratory upgrade at Point Mugu would directly support EA-18G, EA-6B, MH-60, and the E-2C platform development. In order to be effective in modern battle scenarios that contain multiple threats, the EW weapon system requires the exact location and type of all the threats in a 360 degree, or 4 quadrant, field of view. The lack of a four quadrant simulation capability does not allow for complete lab testing of modern EW weapons systems. Four quadrant lab testing results in cost savings and more accurate test results due to the repeatability of test data without having to repeat test flights.

Requesting Member: Representative ELTON GALLEGLY, CA—24.

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

Account: Other Procurement, Navy, Line #91, Aviation Support Equipment, Weapons Range.

Legal name and address of receiving entity: Argon ST, located at 2810 Bunsen Avenue, Ventura, CA 93003.

Description of request: This \$1.28 million increase to this account will be used to fabricate Advanced Ground Target Threat Simulators (AGTTS) that simulate current threats and to develop AGTTS that simulate new emerging threats that U.S. personnel and their weapon systems may have to face. The AGTTS program will provide the majority of the land-based simulators that U.S. forces will be able to use for weapons T&E and operator training. I am told that the funding will be used to design, analyze, develop, field and sustain the AGTTS.

Requesting Member: Representative ELTON GALLEGLY, CA—24.

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

Account: Other Procurement, Army, Line 118, Communications and Electronics Equipment, Items under \$5 million.

Legal name and address of receiving entity: ITT/EDO, 2193 Anchor Court, Thousand Oaks, CA 91320.

Description of request: This \$1,600,000 would upgrade and replace GPS survey tools for Army topographic engineers. The current instruments face a growing parts obsolescence problem and are subject to GPS jamming. This would create as many as fifty jobs in Ventura County. I am told that approximately half of the funding would be used to update and integrate real-time kinematic algorithms and modify SAASM software; approximately 25% of the remaining funding would be used to test data collection software and a handheld controller; and the remaining funding would be used to complete and test the prototype system.

Requesting Member: Representative ELTON GALLEGLY, CA—24.

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

Account: RDT&E, Navy, Line 70, PE# 0603795N, Land Attack Technology.

Legal name and address of receiving entity: MBDA, 5701 Lindero Canyon Road, Suite 4 100, Westlake Village, CA 91362.

Description of request: This increase in this account would allow the Navy to continue development of innovative missile solutions for an Affordable Weapons System (AWS), capable of operating from ships and with a potential Navy/USMC airborne launch capability. Phase I, under completion, will define detailed weapon system missions, system and subsystem requirements and capabilities, and system architecture to allow the Navy to begin Phase II and serve as a basis for subsequent development. The requested funding will transition AWS from Phase I to Phase II, selecting the best materiel approaches for subsystem development, testing and program risk reduction and create aerospace engineering jobs in Southern California. Specifically, \$5.8 million of this increase will provide a technical design baseline; will identify expected service life, environmental limits, reliability, maintainability, and system operational tempo; will prescribe a test program for system certification; and a plan for weapon system integration on surface vessels and aircraft to meet Service requirements. Further breakout of funds as follows: \$2.8M to MBDA, \$1.7M to Subcontractors, \$1.3M for Navy Management.

Requesting Member: Representative ELTON GALLEGLY, CA—24.

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

Account: RDT&E, Defense-Wide, Line 95, PE# 604608D8Z, Joint Capability Technology Demonstration (JCTD).

Legal name and address of receiving entity: Malibu Research, 3760—A Calle Tecate, Camarillo, CA 93012.

Description of request: This \$1,600,000 would create jobs in Ventura County that will help to further develop for deployment the Silent Guardian—Active Denial System, which provides an alternative to deadly force by generating a very focused and controllable millimeter wave energy that the skin absorbs, producing a heat sensation that rapidly becomes intolerable. The sensation stops immediately when subject steps out of the beam or it is turned off. This will be used for soldiers, who, Under Escalation Of Force (EOF) protocol, are

supposed to perform actions to get the drivers of potentially threatening vehicles to stop. In today's operational environment, soldiers conducting security and peace enforcement operations along convoy routes and at checkpoints face the extreme circumstance of making instantaneous life and death decisions balancing the EOF and ROE. With this funding, I am told that approximately \$500,000 will be used to develop high power waveguide lens and procure long lead items including transmitter; approximately \$800,000 will be used to fabricate large diameter W band system prototype; and approximately \$300,000 will be used to perform functional testing of W band prototype.

## EARMARK DECLARATION

**HON. KEVIN BRADY**

OF TEXAS

IN THE HOUSE OF REPRESENTATIVES

*Wednesday, September 24, 2008*

Mr. BRADY of Texas. Madam Speaker, I submit the following:

Requesting Member: Congressman KEVIN BRADY, Texas 8th Congressional District.

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

Account: Combat Vehicle and Automotive Advanced Technology, 33 0603005A.

Requesting Entity: Verdient Technologies LLC.

Address of Requesting Entity: 1401 McKinney Street, Suite 900, Houston, TX 77010.

Description of Request: For the final year of a 2 year project, I am requesting funding aimed at completing a project that will allow military personnel in Iraq, Afghanistan, and other theaters to stay cool in their vehicles without running the engine. Today vehicles must run their engine to keep crew members cool, a heat-signature is created and that provides a target for enemy fire and fuel is wasted resulting in decreased combat effectiveness and operational range.

The request funds completion of the No-Idle Complex Compound ("NICC") project, which is developing technology powered by diesel fuel to cool or heat the crew cabin in military vehicles when the vehicle engine is not operating. Without this system, the vehicle engine must be idled to provide cooling or heating thus wasting significant amounts of fuel, polluting the environment and creating a thermal and acoustic signature. The proposed development will design and build prototypes of the NICC system for military combat vehicles, address critical manufacturing, and quality control processes and manufacturing technology. When utilized in combat, the NICC will cool personnel and electronics with minimal thermal or noise signature, enhancing both the comfort and safety of our troops—allowing them to more safely and effectively execute their mission.

The \$1.6 million project will be completed in four stages: (1) manufacture of three prototypes at \$750,000 (47%); (2) tracking results of field testing at \$450,000 (28%); (3) implement second round of field testing at \$250,000 (15.5%); and (4) design of final product for vehicle integration at \$150,000 (9%).

Requesting Member: Congressman KEVIN BRADY, Texas 8th Congressional District.

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

Account: R1: Aerospace Propulsion and Power Technology.

Requesting Entity: Sam Houston State University.

Address of Requesting Entity: Sam Houston State University, 1806 Ave J, Suite 303, Huntsville, TX 77340.

Description of Request: With one more year to go before completion, this is the second year I have requested funding for TRIES. The project has received funding for a total of 7 non-consecutive years. This request will provide funds to Sam Houston State University and Texas State University System to finalize research of a technology for the treatment of contaminated water to make it usable for our troops in the field or during natural disasters.

Of the \$1.6 million TRIES received this year, approximately \$312,000 (19.5%) will go to direct labor; \$360,000 (22.5%) for materials; \$824,000 (51.5%) for other direct expenses; and \$104,000 (6.5%) for demonstration.

#### EARMARK DECLARATION

### HON. GINNY BROWN-WAITE

OF FLORIDA

IN THE HOUSE OF REPRESENTATIVES

*Wednesday, September 24, 2008*

Ms. GINNY BROWN-WAITE. Madam Speaker, pursuant to the Republican Leadership standards on earmarks, I am submitting the following information regarding member requests I received as part of H.R. 2638, the Consolidated Security, Disaster Assistance, and Continuing Appropriations Act of 2009:

I requested 3 projects in H.R. 2638. They include:

\$800,000 for the Miami Project to Cure Paralysis—Battlefield Exercise and Combat Related Spinal Cord Injury Research located at 1095 NW 14th Terrace, Miami, FL 33136. This request, in the RDTE,A account, will fund continuing spinal cord injury (SCI) research at the Miami Project to Cure Paralysis, a Center of Excellence at the University of Miami School of Medicine. Research is directed at improving neuroprotection and pharmacological treatments for combat-sustained spinal cord injuries to reduce secondary damages.

\$1,200,000 for St. Leo University's Continuing Education Distance Learning located at 33701 State Road 52, P.O. Box 6665, St. Leo, FL 33574. This request, in the OM,N account, will be used for long distance learning programs that are utilized by members of our Armed Forces. At this time, the university's main campus and 21 teaching locations (15 military locations) can accommodate the VTT broadcast and delivery of academic courses. Four new centers located at military sites are scheduled for VTT system installation in 2008, and discussions are underway to add VTT at 4 military teaching locations in 2009. VTT system installation also is scheduled for the university's civilian teaching location at the Atlanta Police Training Academy, where law enforcement and military personnel study criminal justice and homeland security.

\$5,200,000 for VLOC, Inc., located at 7826 Photonics Dr., New Port Richey, FL 34655. This request, in the DPA account, will be used for the domestic production of transparent polycrystalline laser gain materials.

The Department of Defense is calling for the development of tactical lasers that generate

100+ kilowatts of output power in an all-solid-state design with field-testing starting within the next 12 months. To generate this level of operational power, new and unique laser materials must be produced commercially and domestically. Under previous forward-leaning research funded by the AFRL, U.S. industry was able to research and test innovative growth technologies, infrastructure improvements, and advanced materials analysis of these new ceramic laser gain materials. Unfortunately, at the start of these testing efforts, there were no parallel commercial polycrystalline-based efforts domestically that would address U.S. defense-critical needs. A domestic supplier now exists and it is imperative that domestically produced materials be tested and qualified to maintain the military proprietary status of these highly sensitive military 100+ kilowatt-class lasers. By leveraging this previous R&D funding, it is expected that full domestic production with volumes to meet all of the current DoD needs can be achieved.

#### EARMARK DECLARATION

### HON. TERRY EVERETT

OF ALABAMA

IN THE HOUSE OF REPRESENTATIVES

*Wednesday, September 24, 2008*

Mr. EVERETT. Madam Speaker, pursuant to the Republican Leadership standards on earmarks, I am submitting the following information for publication regarding three earmarks I received as part of H.R. 2638—Consolidated Security, Disaster Assistance, and Continuing Appropriations Act of Fiscal Year 2009:

Request No. 1:

Requesting Members: Congressman TERRY EVERETT, Congressman ROBERT B. ADERHOLT. Bill Number: H.R. 2638—Consolidated Security, Disaster Assistance, and Continuing Appropriations Act of Fiscal Year 2009.

Title of Request: Advanced Hypersonic Weapon Technology Demonstration.

Account: Research, Development, Test, and Evaluation—Army, Army Missile Defense Systems Integration (Non Space).

Legal Name of Requesting Entity: Westar Aerospace & Defense Group, Inc.

Address of Requesting Entity: 890 Explorer Boulevard, Huntsville, AL 35806.

Description of Request: The Advanced Hypersonic Weapon (AHW) Technology Demonstrator earmark request is for \$2,400,000. The funding is for the U.S. Army Space and Missile Defense Command to reduce risk and flight test validate critical technologies (hypersonic boost-glide, thermal protection, precision navigation, guidance and control, and secure 2-way in-flight communication) required to enable the successful execution of the emerging USSTRATCOM mission for prompt global strike. TPS technologies are viewed by USSTRATCOM as the key to executing the prompt global strike mission. The prototype C3 capability would provide missile launch command and control associated with flight test demonstration supporting critical test execution and flight safety. As a potential spiral for weaponization, AHW would provide a ground launched forward-deployed mid-term option to destroy time sensitive/high value targets at long distances with a minimal deployment logistics tail.

Request No. 2:

Requesting Member: Congressman TERRY EVERETT.

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

Title of Request: Gunfire Detection System for Unmanned Aerial Vehicles.

Account: Research, Development, Test and Evaluation—Army, Concepts Experimentation Program.

Legal Name of Requesting Entity: Radiance Technologies.

Address of Requesting Entity: 350 Wynn Drive, Huntsville, AL 35805.

Description of Request: The Gunfire Detection System for Unmanned Aerial Vehicles earmark request is for \$800,000. The funding is for a wide angle weapons detection sensor that can detect, classify and locate a variety of weapon fires including Rocket Propelled Grenades (RPGs), MANPADS, small arms, mortars, tanks and artillery. This Weapons Watch (WW) Technology can process these events in near real time (less than a second) and disseminate the information over existing command and control channels immediately. This sensor, detecting from a variety of airborne platforms can cue other sensors or weapon systems to positively identify and neutralize the hostile weapon system. The basic sensor technology has been demonstrated as part of the Overwatch ACTD and has also been deployed to support current operations. At less than 30 pounds, it has flown on both manned and unmanned aircraft proving its ability to accurately detect at extended ranges while on the move. The Army Aviation Center is ready to integrate this technology on both manned and unmanned aircraft to provide both enhanced targeting and aircrew survivability. In concert with AMRDEC (Huntsville), PM UAV (Huntsville) and the Directorate of Combat Developments (Ft. Rucker), the contractor will provide simulation software and WW hardware to the USAAVNC for testing and certification through the Aviation Technical Test Center (AATTC). Aviation experts from both the Wiregrass area and Huntsville will develop the techniques, tactics and procedures to fully employ the capabilities of this system.

Request No. 3:

Requesting Members: Congressman TERRY EVERETT, Congressman ROBERT B. ADERHOLT, Congressman MIKE ROGERS.

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

Title of Request: Space Control Test Capabilities.

Account: Research, Development, Test and Evaluation—Air Force, Counterspace Systems.

Legal Name of Requesting Entity: Davidson Technologies, Inc.

Address of Requesting Entity: 530 Discovery Drive, Huntsville, AL 35806

Description of Request: The Space Control Test Capabilities (SCTC) earmark request is for \$1,600,000. The funding would provide half of the available funds for the final development of a version of SCTC, which will join the already developed closed-form version to give a new combined capability to analyze important transient command/control situations (e.g., satellite outages). The combined version provides both closed-form steady-state and transient-event analysis capabilities, builds upon