

missions, while using cutting-edge technology to reduce costs and lower wait times. To achieve this goal SCRA will be relying on industry and government partners in numerous states, resulting in employment sustained and created via manufacturing and research requirements. Matching funds are not applicable. I certify that neither I nor my spouse has any financial interest in this project.

Requesting Member: Congressman JOE WILSON

Bill Number: H.R. 3326—Department of Defense Appropriations Act, 2010

Account: Research, Development, Test, and Evaluation, Army

Legal Name of Requesting Entity: Lifeblood Medical

Address of Requesting Entity: 10120 Two Notch Road, Suite 2, Columbia, South Carolina 29223

Description of Request: I have secured \$2,000,000 for the Lifeblood Medical's Human Organ and Tissue Preservation Technology (HOTPT). Funding will be used to continue and advance studies for Oxygen Therapeutics and Extending Room Temperature Organ Preservation so that the technology can be brought to FDA for approval. The use of funds is justified due to the potential of finding the first approved oxygen therapeutics which will solve the world issue of a lack of donated blood for trauma, military and casualty use. The use of funds is justified so that the supply of organs for transplantation can adequately meet the demand through extending the preservation time at room temperature. Large animal studies have proven successful in both oxygen therapeutics and organ preservation. Prior DoD funds have also proven that the Lifeblood technology can reverse cell damage and render organs that are labeled untransplantable into an acceptable organ for donation and transplantation. Matching funds will be provided by cash on hand, licensing fee revenues, and product sales. I certify that neither I nor my spouse has any financial interest in this project.

Requesting Member: Congressman JOE WILSON

Bill Number: H.R. 3326—Department of Defense Appropriations Act, 2010

Account: Procurement, Defense Wide

Legal Name of Requesting Entity: FN Manufacturing, LLC

Address of Requesting Entity: 797 Old Clemson Road, Columbia, SC 29229-4203

Description of Request: I have secured \$2,500,000 for FN Manufacturing to continue production of the Special Operations Combat Assault Rifle (SCAR). The SCAR was selected after a full and open competition. It meets validated US SOCOM requirements for a 21st Century modular battle rifle available in 5.56 mm and 7.62 mm, and with Close Quarter Battle, Long-Range, and Sniper variants. Federal/taxpayer funding of the SCAR program will provide US Special Operations Forces with a far more effective and reliable combat rifle than the current M-4/M-16 family of rifles. In its various modular configurations, the SCAR will replace five different rifles now in use, greatly reducing the need for maintenance and logistics support and associated costs. Matching funds are not applicable. I certify that neither I nor my spouse has any financial interest in this project.

Requesting Member: Congressman JOE WILSON

Bill Number: H.R. 3326—Department of Defense Appropriations Act, 2010

Account: Research, Development, Test, and Evaluation, Army

Legal Name of Requesting Entity: Advanced Technology Institute

Address of Requesting Entity: 5300 International Blvd., North Charleston, SC 29418

Description of Request: I have secured \$3,000,000 for Advanced Technology Institute to continue the Vanadium Technology Program. The Vanadium Technology Program funds the research, development and prototype-testing necessary to implement vanadium alloyed steel into warfighter protection and mobility. This funding builds on successes accomplished previously which include: reductions in weight, fabrication cost, and welding costs of 21%, 10%, and 53% respectively, leading to a smaller, higher-performing vanadium steel trailer design for the Army/Marine Joint Light Tactical Vehicle System; a longer span temporary bridge, designed by the Army Corps of Engineers and the University of South Carolina, to bridge road gaps in combat regions like Iraq; and, a new class of lighter, longer span trusses and joists, based on vanadium hot rolled steel angle shapes, have been developed and laboratory tested. Matching funds are not applicable. I certify that neither I nor my spouse has any financial interest in this project.

Requesting Member: Congressman JOE WILSON

Bill Number: H.R. 3326—Department of Defense Appropriations Act, 2010

Account: Aircraft Procurement, Army

Legal Name of Requesting Entity: South Carolina Army National Guard

Address of Requesting Entity: 1 National Guard Rd, Columbia, SC 29201

Description of Request: I have secured \$3,000,000 for the South Carolina Army National Guard Vibration Management Enhancement Program (VMEP). This funding will continue fielding this proven capability on the Army National Guard's AH-64, CH-47, and UH-60 helicopter fleets. VMEP collects and utilizes information derived from onboard sensors to indicate the state and health of the helicopter drive system and rotational components. VMEP enabled the SCARNG to realize a total savings in parts costs over a 12-month period of \$1.4 million, as well as an increase in mission capable rates. These funds would ensure that the South Carolina Army National Guard aviation program stays in the forefront of embedded technology doctrine. Matching funds are not applicable. I certify that neither I nor my spouse has any financial interest in this project.

Requesting Member: Congressman JOE WILSON

Bill Number: H.R. 3326—Department of Defense Appropriations Act, 2010

Account: Research, Development, Test, and Evaluation, Defense Wide

Legal Name of Requesting Entity: Two Stroke International

Address of Requesting Entity: 8 Schein Loop, Beaufort, SC 29906

Description of Request: I have secured \$1,900,000 for the Non-Gasoline Burning Outboard Engine. The Navy SEAL's currently use a 30 hp and 55 hp engine on their Combat Rubber Raiding Crafts. This effort is focused on the 30 hp engine. The program name for this outboard motor project is "Phoenix." The

team broke down the existing motor to multiple elements; ignition system; carburetion; exhaust and intake silencing, lower unit, control apparatus, and enclosure cover. The goal of this effort is to provide the SEAL's with an advanced outboard reconnaissance engine that would burn multiple fuels (JP grades, gas, diesel, alcohol). It will be quiet for stealthy operations, have an extended fuel range using a microwave ignition system currently in development, and a lower unit that allows it to go through mud and kelp without harming the engine. Additionally the engine will take advantage of the newest technology to be resistant to salt water that make the engines last longer, decrease weight and increase range. I certify that neither I nor my spouse has any financial interest in this project.

#### EARMARK DECLARATION

### HON. KEN CALVERT

OF CALIFORNIA

IN THE HOUSE OF REPRESENTATIVES

Wednesday, July 29, 2009

Mr. CALVERT. Madam Speaker, pursuant to the Republican Leadership standards on earmarks, I am submitting the following information regarding an earmark I received as part of the House-passed version of H.R. 3326—Department of Defense Appropriations Act for Fiscal Year 2010.

Requesting Member: Congressman KEN CALVERT

Bill Number: H.R. 3326

Account: Navy Research and Development—0604215N

Legal Name of Requesting Entity: U.S. Navy; Naval Surface Warfare Center, Corona Division

Address of Requesting Entity: Naval Surface Warfare Center, Corona Division, Corona, CA 92878-5000

Description of Request: I have secured \$5,800,000 for the Measurement Standards Research and Development Program. The program includes testing for electro-optic and night vision systems; chem/bio and radiation detection systems; advanced sensor technologies; nano-technology. It also provides for improved and state of the art measurement calibration systems that ensure an accurate traceability of measurement from the weapon system parameter to National Standards maintained at NIST. Without adequate measurement capability, verification of performance for weapon and detection system readiness is not possible. This project results in the development of the measurement standards and calibration systems necessary to provide traceable measurements. These state-of-the-art measurement standards often reside at NIST and thus provide benefit to other federal agencies and industry as well. This project allows the Navy to make correct test decisions that ensure mission success and safety while reducing the cost of unnecessary rework. Substantial cost savings have resulted from past R&D project funding through this program.

Requesting Member: Congressman KEN CALVERT

Bill Number: H.R. 3326

Account: Microelectronic Technology Development and Support—0603720S

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

Address of Requesting Entity: 900 University Avenue, Riverside, California 92521

Description of Request: I have secured \$6,000,000 for the Center for Nanoscale Science and Engineering. The funds will be used for the 3-D Electronics program which 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, heat dissipation solutions and the investigation of alternative electronic materials. Conventional electronics is based on 2D planar processes, but this is becoming prohibitively expensive as well as a barrier to performance. By stacking devices and interconnecting them in a 3D arrangement, a huge leap in functionality density is possible. 3D integration is a cornerstone of the coming revolution in electronics.

Requesting Member: Congressman KEN CALVERT

Bill Number: H.R. 3326

Account: Navy Research and Development—0603739N

Legal Name of Requesting Entity: U.S. Navy; Naval Surface Warfare Center, Corona Division

Address of Requesting Entity: Naval Surface Warfare Center, Corona Division, Corona, CA 92878-5000

Description of Request: I have secured \$1,800,000 for the NSWC Corona IUID Center which provides technical support, implementation assistance, training, and lessons learned for IUID, a DoD mandate, to various DoD programs and offices. The IUID Center leverages complementary efforts and catalogs, distributes lessons learned, and helps streamline implementation efforts, reducing IUID implementation cost. IUID itself will enable lifecycle traceability and improve data integrity, leading to more informed decisions and improved asset management. Substantial cost savings result from IUID implementation in DoD programs as well as major gains in asset management and tracking of critical DoD material.

Requesting Member: Congressman KEN CALVERT

Bill Number: H.R. 3326

Account: Operation & Maintenance; 1C8C Depot Operations Support

Legal Name of Requesting Entity: U.S. Navy; Naval Surface Warfare Center, Corona Division

Address of Requesting Entity: Naval Surface Warfare Center, Corona Division, Corona, CA 92878-5000

Description of Request: I have secured \$2,400,000 for the NSWC, Corona Fleet Readiness Data Assessment project which will update/replace existing tools to enable the accurate, efficient collection and transmission of data to quickly perform detailed readiness analyses. It will take advantage of the improved automation and data collection capability provided by the METBENCH calibration system. The analyses resulting from this project will quickly put accurate readiness information into the hands of Navy decision-makers and accelerate the savings resulting from METBENCH implementation in the Navy.

Requesting Member: Congressman KEN CALVERT

Bill Number: H.R. 3326

Account: Operation and Maintenance, Navy—03 Training and Recruiting 3A2J

Legal Name of Requesting Entity: U.S. Naval Sea Cadet Corps

Address of Requesting Entity: U.S. Naval Sea Cadet Corps; 2300 Wilson Blvd, North, Arlington, VA 22201-3308

Description of Request: I have secured \$651,000 for the U.S. Naval Sea Cadet Program. The Sea Cadet Program is focused upon development of youth ages 11-17, serving almost 9,000 Sea Cadets and adult volunteers in 387 units country-wide. It promotes interest and skill in seamanship and aviation and instills qualities that mold strong moral character in an anti-drug and anti-gang environment. Summer training onboard Navy and Coast Guard ships and shore stations is a challenging training ground for developing self-confidence and self-discipline, promotion of high standards of conduct and performance and a sense of teamwork. Funds will be utilized to "buy down" the out-of-pocket expenses for training to \$120/week. NSCC instills in every Cadet a sense of patriotism, courage and the foundation of personal honor. A significant percent of Cadets join the Armed Services often receiving accelerated advancement, or obtain commissions. The program has significance in assisting to promote the Navy and Coast Guard, particularly in those areas of the U.S. where these Services have little presence.

CITY OF BRANDON, MISSISSIPPI  
NAMED AS ONE OF THE BEST  
PLACES TO LIVE IN 2009

### HON. GREGG HARPER

OF MISSISSIPPI

IN THE HOUSE OF REPRESENTATIVES

Wednesday, July 29, 2009

Mr. HARPER. Madam Speaker, the City of Brandon, Mississippi was recently named as one of America's top small towns in which to live, according to Money magazine. The CNN magazine named this Rankin County city number 54 in its annual list of 100 Best Places to Live. As a city in the Third Congressional District, which I am proud to represent, Brandon is the only Mississippi municipality to make the 2009 list.

The list of 100 American municipalities compares communities with populations of less than 50,000 and takes into account an area's school system, crime rate, median income and racial makeup.

Brandon's job growth was 30.4 percent from 2000-2008 versus about 19.6 percent nationally and the city posts a median income of \$77,679. The city's population is currently 20,600, up from 16,436 in 2000 according to the latest census figures.

A low crime rate was also a key point for Brandon making the study. This is why many of the city's residents consider locking their doors as optional.

Brandon Mayor Tim Coulter said, "I think people are finding out what we've known for years, that Brandon is a great place to live."

Rankin County Chamber of Commerce director Gale Martin attributes this honor to Brandon's quality of life. He said, "You've got a small-town atmosphere with the big-city amenities," said Martin. Martin credits quality schools, closeness to cities like Jackson, Meridian and Vicksburg and its short distance from Jackson-Evers International Airport to spurring Brandon's tremendous growth.

The residents of Brandon should also share the honor of this national recognition. Since 1829, residents, first responders, school teachers, pastors and local elected officials have worked tirelessly to ensure that Brandon maintains its standing as the "City of Red Hills with Golden Opportunities." I salute Brandon, Mississippi and the State of Mississippi, both great places to live in America.

### EARMARK DECLARATION

### HON. ELTON GALLEGLY

OF CALIFORNIA

IN THE HOUSE OF REPRESENTATIVES

Wednesday, July 29, 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 H.R. 3326, the Department of Defense Appropriations Act, 2010:

Requesting Member: Rep. ELTON GALLEGLY  
Bill: H.R. 3326, the Department of Defense Appropriations Act, 2010

Account: Research, Development, Test and Evaluation, Navy; Electronic Warfare Development

Legal Name of Requesting Entity: Regional Defense Partnership—21st Century

Address of Requesting Entity: 311 Main Road, Building 1, Point Mugu, CA 93042

Description of Request: Naval Air Warfare Center Weapons Division (NAWCWD) Point Mugu is an Electronic Warfare Center of Excellence for the development and maintenance of airborne electronic attack, tactical, and assault system platform electronic warfare (EW) systems. This request for \$4,500,000 is for a laboratory upgrade at Point Mugu that would directly support EA-18G, EA-6B, MH-60, and E-2C platform development. Additionally, this enhanced capability would provide risk reduction to current acquisition programs such as the P-8A multi mission aircraft.

In order to be effective in modern battle scenarios containing multiple threats, the EW weapon system requires the exact location and type of all the threats in a 360 degree, or four quadrant, field of view. The current lab equipment is limited to simulating a 180 degree, or 2 quadrant, field of view of the battle space. The EW Center of Excellence at NAWCWD Point Mugu utilizes laboratory test equipment to simulate this complex electronic battle space. Testing that cannot be performed in the laboratory must be done using flight test hours on an open air EW range. This not only costs more, it is also very difficult to obtain test repeatability and exposes the system under test to electronic eavesdropping. No open air range can duplicate the dense electromagnetic environment of large numbers of threat and friendly emitters encountered in a modern battle scenario. This can only be replicated through laboratory simulation.

Funding is requested to upgrade the EW laboratory facility at NAWCWD Point Mugu to a four quadrant simulation capability and acquire the AMES III High Speed Calibrator and the Airborne Interceptor Simulator for real world threat simulations. The bill provides \$4,000,000 in funding for this project request.