

Training Capability (JNTC), since JFCOM/JNTC has been designated as the principal Joint Forces integrator. The requested funding will be used to develop, explore and assess new joint concepts, organizational structures and emerging technologies. The capabilities of Playas will serve Joint Forces Command and National Guard mission area training requirements.

The name of the requesting Member: HEATHER WILSON.

The bill number: H.R. 2638.

The account: 3 0601153N Defense Research Sciences.

The legal name and address of the requesting entity or in the case of military construction earmarks, the name and address of the military installation; The entity to receive funding for this project is the University of New Mexico, located at 1 University of New Mexico, Albuquerque NM 87131.

A description of the earmark including the amount and a spending plan: The amount requested is \$2.8 Million. The Long Wavelength Array (LWA), which will be managed by the University of New Mexico, is a very large aperture (400 km) radio astronomy telescope that will be centered on the Plains of San Augustine and extending into southwestern New Mexico. This powerful new instrument will enable scientists to analyze a poorly explored region of the electromagnetic spectrum which will provide research in astrophysics, space physics, space weather, and ionospheric physics. The LWA will be an important research instrument to support critical national security efforts, particularly in the area of developing more accurate models of the ionosphere and its effects on radio and radar propagation.

EARMARK DECLARATION

HON. JOHN R. CARTER

OF TEXAS

IN THE HOUSE OF REPRESENTATIVES

Wednesday, September 24, 2008

Mr. CARTER. Madam Speaker, pursuant to the Republican Leadership standards on earmarks, I am submitting the following information for publication in the CONGRESSIONAL RECORD regarding earmarks I received as part of the House Amendment to the Senate Amendment to H.R. 2638, the Department of Homeland Security, 2008.

Requesting Member: Congressman JOHN R. CARTER.

Bill Number: H.R. 2638.

Account: FEMA State and Local Programs.

Legal Name of Requesting Entity: Texas Engineering Extension Service.

Address of Requesting Entity: 301 Tarrow, College Station, TX 77840.

Description of Request: I requested \$23 million for the National Emergency Response and Rescue Training Center (NERRTC) in the FY09 Homeland Security Appropriations bill. The entity to receive funding for this is the Texas Engineering Extension Service. It is my understanding that \$23 million will be used to provide training courses and programs to train our Nation's emergency responders. Courses are delivered on a rolling basis as directed by DHS. These efforts take place year-round until all the appropriated funding is expended.

EARMARK DECLARATION

HON. SAM JOHNSON

OF TEXAS

IN THE HOUSE OF REPRESENTATIVES

Wednesday, September 24, 2008

Mr. SAM JOHNSON of Texas. Madam Speaker, pursuant to the Republican Leadership standards of earmarks, I am submitting the following information for publication in the CONGRESSIONAL RECORD regarding earmarks I received as part of the Amendment to the Senate Amendment to H.R. 2638, The Consolidated Security, Disaster Assistance, and Continuing Appropriations Act, 2009.

(1) Secure Grids Network Centric Operations.

Requesting Member: Hon. SAM JOHNSON.

Bill Number: H.R. 2638.

Account: 2-0601103F, University Research Initiatives

Requesting Entity: The University of Texas at Dallas, located at 800 W. Campbell Road, Richardson, TX 75080.

Description: The Secure Grids Network Centric Operations will develop an integrative Grid laboratory spanning multi-universities to investigate techniques and systems for pervasively secure grid computing with focus on network centric enterprise services and on the management of massive data sets. Key applications include massive knowledge intensive surveillance tasks, such as cooperative terrorist tracking employing multi-agency databases, and the analysis of financial movements. This project is a collaborative efforts between 3 universities in 3 states, namely The University of Texas at Dallas, the University of Texas at Arlington, and Purdue University.

Project amount is \$1,600,000.

(2) Mobile, Oxygen, Ventilation, and External Suction (MOVES).

Requesting Member: Hon. SAM JOHNSON.

Bill Number: H.R. 2638.

Account: 123-0604771N, Medical Development.

Requesting Entity: SVTronics Inc., located at 3465 Technology Drive, Plano, Texas 75074.

Description: The U.S. Marine Corps has been developing a lightweight, self-contained, Mobile, Oxygen, Ventilation, and External Suction (MOVES) system in support of the En Route Care System. The MOVES system uses ambient air to produce oxygen and then delivers the oxygen directly to the casualty. It has a ventilator that can ventilate a patient with up to 85% oxygen, and it also has suction capability. In addition, the MOVES system can monitor vital signs including blood pressure, heart rate, pulse oximetry, temperature, oxygen and carbon dioxide levels, and ECG. All of these capabilities are integrated in a single system that typically runs for 3.5 hours on a single battery set (2.5 hours minimum), but can run even longer with additional batteries. The system reduces the cube and weight of the present En Route Care System by over 80%, and eliminates the hazards associated with having oxygen gas cylinders in the field. The Marine Corps has also begun development of an add-on module for the MOVES system for portable anesthetic delivery in the field. The module will eliminate waste, hazards, and need for additional training because it will administer the anesthetic by the technique most familiar to anesthesiologists

trained in the U.S. It will also be much more rugged and lightweight than current technology. Project amount is \$1,200,000.

(3) Stryker Common Active Protection System (APS) Radar

Requesting Member: Hon. SAM JOHNSON.

Bill Number: H.R. 2638.

Account: 62-0603653A, Advanced Tank Armament System (Atas).

Requesting Entity: Raytheon, located at 2501 W. University Drive, McKinney, Texas.

Description: APS is an externally mounted vehicle protection system that identifies, discriminates and intercepts RPGs, mortars, anti-tank guided missiles and artillery projectiles after they are launched toward a combat vehicle. The system consists of the Multi-Function Radio Frequency (MFRF) radar, launchers, fire control processors and countermeasures.

In 2007, the Army accelerated the APS requirement for Stryker by designating it a critical component of Spin Out 2, the second increment of FCS technologies to be fielded to the Current Force in the 2010-2012 timeframe. APS is funded under the FCS MGCV budget line, but there is no dedicated funding to support APS development for Stryker in FY08 or FY09. The Army originally requested FY08 funding for Stryker APS but has since reallocated these funds to support power management and other upgrades needed to accommodate Spin Outs. The lack of dedicated Stryker APS funding in FY09 halts Current Force APS development and undermines Spin Out 2. Project amount is \$1,600,000.

EARMARK DECLARATION

HON. ROY BLUNT

OF MISSOURI

IN THE HOUSE OF REPRESENTATIVES

Wednesday, September 24, 2008

Mr. BLUNT. Madam Speaker, pursuant to the Republican Leadership standards on earmarks, I am submitting the following information for publication in the CONGRESSIONAL RECORD regarding earmarks I received as part of H.R. 2638.

Requesting Member: Congressman ROY BLUNT.

Bill Number: H.R. 2638.

Account: Army—RDT&E, Sensors And Electronic Survivability.

Legal Name of Requesting Entity: Missouri State University and Foster Miller Inc.

Address of Requesting Entity: 524 N. Booneville Ave, Springfield, MO 65806.

Description of Request: \$4 million is included in this bill for advanced warning systems enabled by integration of sensors and onboard intelligence such that robotic platforms can be tasked to self-deploy and self-manuever to provide situational awareness and recommend a plan of action without being detected. The use of taxpayer funds is justified because a major impediment to mobility and security of Department of Defense personnel and facilities in theater is lack of perimeter monitoring capabilities for detection of approaching enemy elements, vehicles, and release of toxic chemical and biological threats. In theater, forward security teams have relied on use of dogs to warn warfighters of the presence of intruding personnel. More than ever before such teams, operating covertly or otherwise, find themselves in hostile territories

and are required to rotate sentry duty among the team. What is needed is advanced warning systems enabled by integration of sensors and onboard intelligence such that robotic platforms can be tasked to self-deploy and self-maneuver to provide situational awareness and recommend a plan of action without being detected.

Requesting Member: Congressman ROY BLUNT.

Bill Number: H.R. 2638.

Account: Army—RDT&E, Medical Advanced Technology.

Legal Name of Requesting Entity: Missouri State University and St. Johns Health System.

Address of Requesting Entity: 524 N. Booneville Ave, Springfield, MO 65806.

Description of Request: \$5.4 million is included in this bill to fund technology to allow for the improved ability to quickly treat soldiers who sustain severe eye injuries in the field. Currently, the time from injury to treatment for eye injuries in the Iraqi conflict averages more than 18 hours due to the lack of field-ready, easy-to-use eye injury stabilization materials. Walter Reed Army Medical Center feels strongly that the project has considerable military relevance and plans to collaborate in the program. The use of taxpayer funds is justified because many of the injuries suffered by our military personnel serving in the Middle East are a result of IED (improvised explosive device) mortar and direct action injuries. Between October 2001 and June 2006, over 1,100 troops with combat eye trauma were evacuated from overseas military operations, making serious eye wounds one of the most common types of injury experienced in current U.S. conflicts.

Requesting Member: Congressman ROY BLUNT.

Bill Number: H.R. 2638.

Account: Air Force—RDT&E.

Legal Name of Requesting Entity: Missouri State University and Nantero Inc.

Address of Requesting Entity: 524 N. Booneville Ave, Springfield, MO 65806.

Description of Request: \$7.2 million included in this bill for Carbon Nanotube-based Radiation Hard Nano-Electronic devices.

Requesting Member: Congressman ROY BLUNT.

Bill Number: H.R. 2638.

Account: Global Command And Control System Research, Development, Test And Evaluation, Air Force.

Legal Name of Requesting Entity: Gestalt/Accenture.

Address of Requesting Entity: 320 4th Street, Joplin, MO 64801.

Description of Request: \$4 million is included in this bill for the purpose of allowing the delivery of critical information across a low-bandwidth enterprise and to manage services. C2SLM will enable our military to respond to the agility of our opponent by building agility and flexibility into our technology. C2SLM has been selected by the Pentagon to be the early pathfinder for the A-Staff, which will lead to a contract in excess of several hundred million to address non-AOC command and control for COCOMs and NAFs.

EARMARK DECLARATION

HON. STEVE CHABOT

OF OHIO

IN THE HOUSE OF REPRESENTATIVES

Wednesday, September 24, 2008

Mr. CHABOT. Madam Speaker, pursuant to the Republican Leadership standards on earmarks, I am submitting the following information for publication in the CONGRESSIONAL RECORD regarding earmarks I received as part of H.R. 2638 the Consolidated Security, Disaster Assistance, and Continuing Appropriations Act, 2009.

The Electrofluidic Chromatophores for Adaptive Camouflage project is listed under account 3 0601103A, the University Research Initiative for \$1,750,000. The project is requested by the University of Cincinnati located at 836A Rhodes Hall, Cincinnati, OH 45221-0030. The University of Cincinnati is in the process of developing an electro-optical system based on electrowetting technology that can change the color of a reflective surface electronically. This project would allow the Armed Forces to change its camouflage pattern electronically at any time. Funds will be used for a two year research project with annual federal expenditures of approximately \$1,750,000 million, divided among the University of Cincinnati and Motorola labs. These funds will support approximately two graduate students and one post-doctoral students at the University of Cincinnati for electrowetting module fabrication and development, 2.5 Motorola engineers and one Motorola technician for printed electronics development, module fabrication, and housing integration, and one Sun Chemical scientist for advanced pigment development. This is intended as a two year federal research project under the Army's R&D R-1 account, line 3 "University Research Initiative," to initiate an Adaptive Camouflage Surfaces R&D Program at the University of Cincinnati.

The Smart Machine Platform Initiative is listed under account 179 0708045A, End Item Industrial Preparedness Activities for \$4,000,000 million. The project is requested by TechSolve Inc, located at 6705 Steger Drive, Cincinnati, OH 45237. Smart Machine Platform Initiative will advance the state of the art in manufacturing and fabrication of components for weapons systems and reduce cost and cycle time. The vision for this requirement is the addition of intelligence to the machining process. The project will provide \$4 million in the Consolidated Security, Disaster Assistance, and Continuing Appropriations Act, 2009, under PE#0708045, Line 179—End Item Industrial Preparedness Activities, only for the Smart Machine Platform Initiative. Zero (0)% matching funds are listed because the Smart Machine Platform Initiative is a Research and Development Activity.

EARMARK DECLARATION

HON. JO BONNER

OF ALABAMA

IN THE HOUSE OF REPRESENTATIVES

Wednesday, September 24, 2008

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

Project Name: Low Cost Multi-Channel Camera System.

Requesting Member: Congressman JO BONNER.

Bill Number: H.R. 2638.

Account: RDT&E, U.S. NAVY, ASW Systems Development (R/1 Line: 29, PE: 0603254N).

Legal Name of Requesting Entity: Radiance Technologies, Inc.

Address of Requesting Entity: 775 North University Blvd, Suite 250, Mobile, AL, USA.

Description of Request: \$2,400,000 will be utilized to design, assemble and demonstrate a low cost multi-channel camera system to detect and track diesel submarines as well as provide the ability to detect, track and identify marine mammals. Diesel submarines, like the ones used by countries in the Middle East, Far East and South America, are quiet, air independent and are difficult to detect using current cold war era radar and acoustic system technology. Beyond the need for enhanced submarine detection, current Naval testing of active acoustic systems has been deemed to threaten certain marine mammals. As a result, the NAVY's ability to conduct certain types of testing and training has been curtailed. This restriction reduces the NAVY's ability to protect U.S. fleets from observations by foreign submarines and direct threats. This technology will provide capabilities to fly exercise areas prior to acoustic testing or training to ensure that adjacent waters are clear of marine mammals.

Of the funds provided, \$396,000 [or 16.5%] is for channel selection analysis, electronic and mechanical engineering and multi-channel sensor fabrication and integration; \$720,000 [or 30.0%] for multi-channel sensor fabrication and integration, and design and implementation of automatic calibration and registration algorithms; \$276,000 [or 11.5%] for purchase and integration of digital data recording system, and experimental data collection tests to support algorithm development; \$808,800 [or 33.7%] for design, development, and implementation of automatic recognition algorithms and automatic reporting software for data dissemination to ASW assets; \$199,200 [or 8.3%] for system demonstration and acceptance testing.

Project Name: Fourteen Mile Bridge in Mobile, Alabama.

Requesting Member: Congressman JO BONNER.

Bill Number: H.R. 2638.

Account: Coast Guard/Alteration of Bridges.

Legal Name of Requesting Entity: United States Coast Guard.

Address of Requesting Entity: 470 L'Enfant Plaza East, SW, Room 7110, Washington, DC, 20024-2135.

Description of Request: Request is for funding for construction of a 14 mile railroad bridge replacement declared for alteration by the Commandant of the USCG. Fourteen Mile Bridge is a navigational hazard and bottleneck due to age and outdated design. It is an impediment to safe and efficient navigation for shippers on the Tombigbee Waterway and into the Nation's inland waterway system. Engineering and design is completed, but the construction account has only been partially funded. The Coast Guard estimates the total project cost to be \$75.5 million (\$69.8 million federal share); \$48.4 million has been appropriated. Request is for additional funding of the construction account.