

models will be built to verify the analytical conclusions. Alternate design concepts will be developed and analyzed with the best proposed as the system solution.

The military service need is well documented. In the 2007 Symposium conducted by American Society Naval Engineers/Department of Defense, the Office of Naval Research conducted a panel presentation on the need for the quiet drive technology as applied to Diagnostics and Maintenance in the all electric ship. Over the past 5 years, ONR has repeatedly stated that these actuators would provide the Navy with a performance improvement and lifecycle cost advantage compared to today's hydraulic rotary actuator in its efforts to develop the all-electric ship. Army's TARDEC also supports the work because the results will be able to be used for Advanced Electric Drives configurable to axle and wheel-end applications providing greater drive capabilities and high intelligence capabilities (current immediate use includes HUMVEEs and trucks). Existing military axle and wheel-end systems fail to provide adequate measurement and data retrieval that are needed to increase engine efficiency and torque while preventing breakdown or catastrophic event.

#### EARMARK DECLARATION

### HON. ANDER CRENSHAW

OF FLORIDA

IN THE HOUSE OF REPRESENTATIVES

*Tuesday, July 28, 2009*

Mr. CRENSHAW. Madam Speaker, I submit documentation consistent with the Republican Earmark Standards.

Requesting Member: Congressman ANDER CRENSHAW

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

Account: RDTE, N

Legal Name of Receiving Entity: Orion Solutions, LLC

Address of Receiving Entity: 7545 Centurion Parkway, Suite 403, Jacksonville, FL 32256

Description of Request: I have secured \$2,000,000 in funding in H.R. 3326 in the RDTE, N Account for the Low Frequency Active Towed Sonar System (LFATS) Organic ASW Capability.

The purpose of this funding would be used to support the purchase of a Low Frequency Active Towed Sonar System (LFATS) to complete demonstration of critical Anti-Submarine Warfare (ASW) advancements and improvements.

This is a valuable use of taxpayer funds because the Chief of Naval Operations (CNO) has stated that Anti-Submarine Warfare (ASW) is his number one priority. ASW is critical to defend the sea base and assure access to and within the littorals in the face of the proliferation of quiet, technologically advanced submarines in the hands of nations that might choose to deny us freedom of the seas. This program provides the potential for key advancements in the area of ASW and works towards the CNO's highest priority.

There are no matching funds required for this project.

Requesting Member: Congressman ANDER CRENSHAW

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

Account: RDTE, N

Legal Name of Receiving Entity: Goodrich Engineered Polymer Products

Address of Receiving Entity: 6061 Goodrich Boulevard, Jacksonville, FL 32226

Description of Request: I have secured \$2,000,000 in funding in H.R. 3326 in the RDTE, N Account for the Advanced Manufacturing for Submarine Bow Domes and Rubber Boots project.

The purpose of this funding would be used to develop an out-of-autoclave (OOA) material systems and processing techniques to fabricate a submarine sonar bow dome and the associated rubber boot without the need for an autoclave.

This is a valuable use of taxpayer funds because developing advanced manufacturing techniques for submarine bow domes and boots provides a new opportunity to further drive down the cost of submarine construction. An approved out of autoclave material system will provide greater manufacturing flexibility while maintaining stringent reliability and quality requirements. Additionally, removal of the autoclave from the manufacturing process allows the fabrication of domes and rubber boots for larger submarines like the replacement SSBN.

There are no matching funds required for this project.

Requesting Member: Congressman ANDER CRENSHAW

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

Account: RDTE, N

Legal Name of Receiving Entity: OTO Melara North America, Inc.

Address of Receiving Entity: 1625 I St. NW., Washington, DC 20006

Description of Request: I have secured \$2,000,000 in funding in H.R. 3326 in the RDTE, N Account for the 76mm Swarbuster Capability project.

The purpose of this funding would be to integrate the highly accurate fire control information from the MK 15 Close-In Weapons Systems with the high rate of fire, medium caliber, 76mm gun on FFG-7 class ships to provide FFG-7 class ships with protection against high-speed maneuvering surface threat.

This is a valuable use of taxpayer funds because it would be used to integrate the highly accurate fire control information from the MK 15 Close-In Weapons Systems with the high rate of fire, medium caliber, 76mm gun on FFG-7 class ships to provide FFG-7 class and possibly other Navy ships with a protection against high-speed maneuvering surface threat.

There are no matching funds required for this project.

Requesting Member: Congressman ANDER CRENSHAW

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

Account: RDTE, DW

Legal Name of Receiving Entity: L-3 Communications

Address of Receiving Entity: 13000 Route 73, Marlton, NJ 08053

Description of Request: I have secured \$1,000,000 in funding in H.R. 3326 in the RDTE, DW Account for the Low Cost Stabilized Turret project.

The purpose of this funding would be to develop a small (less than 15 lbs) Electro-Optical/Infrared (EO/IR) turret for use on low-cost expendable unmanned aerial vehicles.

This is a valuable use of taxpayer funds because the Force Protection Task Force has a requirement for a low cost autonomous surveillance of designated areas. Low Cost Stabilized Turret will provide a light weight, low cost solution for a flexible, efficient payload that is consistent with this requirement and the warfighter's needs, yet in a cost range consistent with the concept of expendable systems.

There are no matching funds required for this project.

Requesting Member: Congressman ANDER CRENSHAW

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

Account: RDTE, A

Legal Name of Receiving Entity: University of North Florida

Address of Receiving Entity: 1 UNF Drive, Jacksonville, FL 32224

Description of Request: I have secured \$4,000,000 in funding in H.R. 3326 in the RDTE, A Account for the Ruggedized Military Laptop Fuel Cell Power Supply project.

The purpose of this funding would be to develop, demonstrate and prototype a ruggedized Direct Methanol Fuel Cell (DMFC) powered laptop power supply.

This project is a benefit to DOD because it addresses urgent military requirements for extended-run power and offers spin-off potential for other products such as unattended ground sensors, handheld devices, GPS, and micro air vehicles. It will reduce reliance on batteries and greatly simplify supply chain for military field electronics.

There are no matching funds required for this project.

Requesting Member: Congressman ANDER CRENSHAW

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

Account: RDTE, A

Legal Name of Receiving Entity: Nanotherapeutics

Address of Receiving Entity: 13859 Progress Boulevard, Alachua, FL 32615

Description of Request: I have secured \$2,000,000 in funding in H.R. 3326 in the RDTE, A Account for the Anti-Microbial Bone Graft Product project.

The purpose of this funding would be to evaluate the ability to expedite the healing of open tibia and femoral fractures among injured U.S. soldiers thus preventing death or further injury from infections.

This is a valuable use of taxpayer funds because it would be used to evaluate the ability to expedite the healing of open tibia and femoral fractures among injured U.S. soldiers thus preventing death or further injury from infections. According to the U.S. Army Institute of Surgical Research, open fractures account for approximately 20 percent of all combat-related injuries in soldiers. Infection presents an enormous surgical challenge and leads to considerable loss of life. And, despite meticulous treatment, these fractures cause complications that can threaten the viability of the limb and even the life of the patient.

There are no matching funds required for this project.

## EARMARK DECLARATION

**HON. GINNY BROWN-WAITE**

OF FLORIDA

IN THE HOUSE OF REPRESENTATIVES

*Tuesday, July 28, 2009*

Ms. GINNY BROWN-WAITE of Florida. 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.

I received two projects in H.R. 3326. \$3,000,000 for The Miami Project to Cure Paralysis located at 1095 NW 14th Terrace, Miami, FL 33136. These funds will be used for continued research into spinal cord injuries and their treatments as part of the Project Battlefield and Combat Related Spinal Cord Injury Research program at the University of Miami's Miller School of Medicine. These funds would be used to study the battlefield injuries of returning veterans and active military members as well as non-military patients.

\$2,000,000 for Saint Leo University located at 33701 State Road 52, P.O. Box 6665, St. Leo, FL 33574. These funds will be used to continue the tele-learning program and connect student soldiers around the Nation and at military bases around the world to the Saint Leo distance education program.

## THE 2009 TRIBAL CANOE JOURNEY

**HON. JAY INSLEE**

OF WASHINGTON

IN THE HOUSE OF REPRESENTATIVES

*Tuesday, July 28, 2009*

Mr. INSLEE. Madam Speaker, it gives me great pleasure to announce that this August, the Suquamish Tribe will be hosting the annual Tribal Canoe Journey from August 3 to August 9 at the town of Suquamish on Washington State's Kitsap Peninsula. Native Americans have lived on the shores of Puget Sound for thousands of years. Canoes carved from massive cedar logs were the traditional mode of transportation for Native Americans in the Pacific Northwest. In 1851, pioneers established the city of Seattle, named for Chief Sealth of the Suquamish and Duwamish Tribes, who helped non-native settlers survive their first years in the Northwest.

As the United States expanded westward, the Suquamish and other Native American tribes struggled to preserve their culture. In 1855, the Suquamish tribe signed a treaty that ceded their ancestral lands—including much of what is now my district—and moved to a reservation west of Seattle. In 1904, Old Man House village, the home of Chief Sealth, burned to the ground and was not rebuilt. For the first time in millennia, traditional canoes no longer plied the waters of Puget Sound.

In 1989, the Suquamish tribe hosted the Paddle to Seattle, the first intertribal canoe journey in more than 100 years. During that journey, people from the Helisuk Nation invited canoes to travel to their village in British Columbia. In 1993, twenty-eight canoes answered their challenge. Since then, canoe journeys have been held annually to celebrate the traditional Native American culture of the Northwest.

I am pleased to announce that more than 100 cedar canoes from over 90 Native Amer-

ican tribes are expected to make the voyage to Suquamish in August, celebrating the 20th anniversary of the Paddle to Seattle. Canoes will land near the former site of Old Man House village, where visitors will receive a traditional welcome. The Suquamish Tribe expects more than 12,000 visitors and 5,000 campers to participate in the week-long cultural celebration.

Native American tribes have long struggled to preserve their traditional culture. The 2009 Tribal Canoe Journey is part of a cultural resurgence among Native Americans in the Northwest, and I am honored to recognize its importance before Congress today.

## EARMARK DECLARATION

**HON. GREGG HARPER**

OF MISSISSIPPI

IN THE HOUSE OF REPRESENTATIVES

*Tuesday, July 28, 2009*

Mr. HARPER. 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—Department of Defense Appropriations Act, 2010:

Requesting Member: Congressman GREGG HARPER

Bill Number: H.R. 3326

Account: RDT&E, Defense-Wide

Project Name: Advanced, Long Endurance Unattended Ground Sensor Technologies

Recipient and Address: Mississippi State University, P.O. Box 6301, Mississippi State, Mississippi 39762

Amount: \$2,000,000

Description: A significant challenge in modern military operations is the ability to achieve and maintain real-time battlefield situational awareness. Achieving battlefield situational awareness requires the ability to robustly and persistently monitor the movements of the adversary in near real-time across a wide range of operational environments including foliage, mountainous, and urban terrain. This initiative is a follow-on effort to ongoing Mississippi State University Unattended Ground Sensor (UGS) research and development in support of the U.S. Special Operations Command (USSOCOM).

Requesting Member: Congressman GREGG HARPER

Bill Number: H.R. 3326

Account: Operating Forces Drug Interdiction and Counter-Drug Activities, Defense

Project Name: Regional Counter Drug Training Academy

Recipient and Address: Naval Air Station, 219 Fuller Road, Meridian, Mississippi 39309  
Amount: \$1,500,000

Description: The National Guard Bureau identified a fiscal year 2009 unfunded requirement of \$24.2M for Counterdrug (CD) Schools. With appropriate funding, CD schools will be better positioned to provide counter narcotics-based training programs critical to domestic law enforcement against narcoterrorism. The RCTA Meridian budget has shown little growth since fiscal year 2000, yet the costs associated with training law enforcement officers have increased by approximately 20 percent.

## EARMARK DECLARATION

**HON. JO BONNER**

OF ALABAMA

IN THE HOUSE OF REPRESENTATIVES

*Tuesday, July 28, 2009*

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

Project Name: Antennas for Unmanned Aerial Vehicles

Requesting Member: Congressman JO BONNER

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

Account: RDT&E, A

Legal Name of Requesting Entity: The University of Alabama

Address of Requesting Entity: 201 Rose Administration Building, Box 870117, Tuscaloosa, AL 35487

Description of Request: Provide an earmark of \$1,000,000 to develop miniature antenna structures capable of supporting UAV (Unmanned Aerial Vehicle) communication needs while reducing space and power requirements on communication systems. Approximately \$500,000 [or 50%] will be used on salaries; \$100,000 [or 10%] will be used for laboratory supplies and materials; \$60,000 [or 6%] will be used for equipment rental; \$40,000 [or 4%] will be used for travel; \$300,000 [or 30%] will be used for equipment. The Department of Defense will benefit from new miniature antenna technology as this project will address the unstable imaging problem that exists with current UAV cameras and research will develop antenna structures that are capable of supporting proficient UAV's communication needs in order to recognize their full potential in wartime. The project will also establish the foundation for a research group focusing on the UAV antenna and communication area that will drive future discoveries in the field. The benefit and promise offered by UAVs has drawn the attention of senior military and civilian officials due to the significant impact they will have on national security.

Project Name: Multi-Element Structured Filter Arrays for Naval Platforms

Requesting Member: Congressman JO BONNER

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

Account: RDT&E, N

Legal Name of Requesting Entity: Auburn University

Address of Requesting Entity: 102 Samford Hall, Auburn, AL 36849

Description of Request: Provide an earmark of \$4,300,000 to increase the effectiveness of current and future Naval platforms by reducing the weight, volume, and parasitic energy consumption of air filtration and distribution systems used for turbine engines, instrument/electronics cooling, and next generation shipboard fuel cell auxiliary power units. Reductions in volume aid to off-set and de-bottleneck severe design constraints associated with increasing system/component crowding and associated thermal management. Assuming a ten percent administrative withholding at the Department of Defense, approximately \$3.9 million will be available for the project spent in the following manner: \$1.4 million [or 36%] will be used for Auburn University personnel; \$740,000 [or 19%] will be used for research expenses and supplies; \$590,000 [or