



PACIFIC NORTHWEST DEFENSE COALITION

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PNDC 11th ANNUAL DINNER & INNOVATION CELEBRATION

Portland, Oregon - November 1, 2016 - The **Pacific Northwest Defense Coalition** will celebrate its **11th Annual Dinner** on Wednesday, November 9, 2016. The Annual Dinner is the industry's premier event of the year, with hundreds of the region's top executives, elected officials, and military leaders in attendance.

This year's dinner will feature **keynote speaker: Frank Kendall, Under Secretary for Acquisition, Technology & Logistics, U.S. Department of Defense**. Additional speakers include: Andrew Teich, President & CEO, FLIR Systems; and Congresswoman Suzanne Bonamici.

PNDC will celebrate the incredible innovations of Northwest Defense and Security companies. Highlights include the **Innovation Pavilion**, a display of leading Northwest products, services, and processes; and the launch of the first annual **Innovation Award** which will recognize visionary PNDC member companies that have significantly impacted the overall mission of the defense and security industry.

Winners of the Innovation Award for 2016 are:

Flex Force Enterprises, LLC | The ASP™ | Portland, OR

The ASP™ is a crew-served, stabilized gun mount for boats, land vehicles, and fixed/rotary wing aircraft. This field installable upgrade provides significant firing accuracy improvements, comparable to the latest remote control weapon stations to existing crew-served weapon systems, particularly when firing on the move. The ASP™ stabilizes the motion of the vehicle, aircraft or boat using gyroscopes and direct-servo motors. No other stabilized crew-served weapon mount is on the market yet. The ASP™ has not yet been deployed, however, initial modeling by this joint Army-Navy project showed that the impact will be significant. Due to the broad appeal, aboard multiple platforms, the Oregon-built ASP is relevant in a multi-billion-dollar market for vehicle, aircraft and boat weapon systems.

Laser Techniques Company, LLC | BEMIS™ | Redmond, WA

Laser Techniques Company, LLC, (LTC) is involved in the development of innovative, laser-based inspection technology for use in energy, defense, and aerospace industries. The BEMIS™ is a laser-based bore inspection system for measurement and testing of small, medium and large caliber gun bores. BEMIS™ is revolutionizing the way weapon systems are being inspected. The system is capable of rapidly and automatically scanning a gun bore using a precise laser sensor. It eliminates time-consuming and laborious visual inspection and mechanical measurement methods. BEMIS™ generates a high-resolution, 3D map of the internal surface of the weapon with typical accuracy of better than 0.001 inch. BEMIS™ is now being used by the U.S Army, Navy, Air Force and Marine Corps for a wide variety of systems, ranging from precision small caliber bore mapping applications - to large caliber weapons such as the lightweight M777 howitzer. LTC has worked with the U.S. Army Research Labs, Naval Research Labs and several other U.S. Government organizations to develop several variations of the BEMIS™ product. LTC has sold systems to U.S. allies in twelve countries.

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Metal Technology (MTI) | Additive Manufacturing | Albany, OR

The United States Navy has granted Metal Technology (MTI) a contract to develop and demonstrate advanced aerospace additive manufacturing techniques for low-cost manufacturing of refractory metal components for U.S. Navy missile propulsion systems used on the Trident D5 missile system. While the Trident D5 is expected to remain in service until 2042, the current manufacturing techniques for refractory metal components of the propulsion system are complex and labor intensive. As part of the SBIR (Small Business Innovation Research) contract, MTI will develop processes and demonstrate the fabrication of articles using C103 Niobium alloy and provide approaches for fabrication of additional refractory metals/alloys including Molybdenum and Tantalum. MTI will be working with the Navy to reduce cost and complexity using advanced additive manufacturing, sometimes called 3D printing, to fabricate refractory metal parts with significant reductions in complexity, cost, and lead-time compared to traditional manufacturing methods.

SAM Medical | The SAM Junctional Tourniquet (SJT) | Wilsonville, OR

Blast injuries from improvised explosive devices (IEDs) often result in high-level amputations and pelvic fractures. These injuries, which occur where the arms and legs meet the body, produce severe high pressure bleeding that cannot be controlled by ordinary tourniquets. The SJT tourniquet can be applied within 30 seconds; and can completely occlude the blood flow at the injury site, allowing for the evacuation of the casualty to a field surgical hospital, where the chance of survival will be immensely higher. The US Army has selected the SJT as their junctional tourniquet of choice. The SJT is now a required piece of equipment to be included in Army medics' sets, kits and outfits (SKOs), as well as being a standard piece of equipment in all ground and air ambulances. This product was developed by SAM Medical's research and development department in Wilsonville, Oregon, with guidance and input by several highly regarded military medical personnel. The product is manufactured entirely at their plant in Wilsonville.

Awards will also be given at the Annual Dinner in the following categories: Member of the Year, Sustaining Member of the Year, Committee Member of the Year, Board Member of the Year, New Member of the Year, Les de Asis Annual Defense & Security Leadership Award, and Ally of the Year.

The Annual Dinner will be held at the Oregon Convention Center in Portland, Oregon on Wednesday, November 9 at 5:00-9:00PM.

This event is generously sponsored by: FLIR Systems, Vigor, Benchmade Knife Company, Valley Machine, Timbercon, Zepher, GrovTec U.S., Tactical Tailor, PacStar Communications, Clackamas County Economic Development, Miles Fiberglass & Composites, Schwabe Williamson & Wyatt, Portland Development Commission, Shine Micro, Inc., Near Space Corporation, Axiom Electronics, Silicon Forest Electronics, ControlTek, Industrial Craters & Packers, Quartic Sales Group, Guillen Family Wines, Last US Bag, Accumen Executive Search, Flex Force Enterprises, International Graphics & Nameplate, and Out of the Box Manufacturing, and Roswell Flight Test Crew.

The **Pacific Northwest Defense Coalition** is the association of over 240 Northwest defense and security businesses. PNDC focuses on strengthening our members' business growth, our region's economy, and our nation's security through training, one-on-one counseling, business-to-business networking, and advocacy. For information please contact: Anna Rymill, anna@pndc.us or 888-701-PNDC (7632)