

2015 MUNITIONS EXECUTIVE SUMMIT

AND ADVANCE PLANNING BRIEFING TO INDUSTRY

*“TRANSFORMING THE MUNITIONS ENTERPRISE TO MEET STRATEGIC DEMANDS:
ENSURING READINESS, AFFORDABILITY & FUTURE CAPABILITIES”*



APRIL 6 - 8, 2015

MONDAY, APRIL 6

- 5:00 PM - 6:00 PM REGISTRATION - Preassembly
- 5:00 PM - 6:30 PM OPENING RECEPTION - Nobel C,D
Sponsored by Expal USA, Inc.

TUESDAY, APRIL 7

- 7:00 AM - 7:00 PM REGISTRATION - Preassembly
- 7:00 AM - 8:00 AM CONTINENTAL BREAKFAST - Preassembly
- 8:00 AM - 8:10 AM WELCOME / INTRODUCTIONS - Nobel A,B
Mr. Tim Bagniefski, Vice President, Marketing & Business Development, General Dynamics-OTS; Chairman, NDIA Munitions Technology Division
MG Barry Bates, USA (Ret.), Vice President of Operations, NDIA
- 8:10 AM - 8:30 AM OPENING REMARKS - Nobel A,B
Mr. Jim Shields, PEO Ammunition / SMCA
BG Kristin French, CG, Joint Munitions Command / JM&L LCMC
Mr. John Hedderich, Director, ARDEC
- 8:30 AM - 9:15 AM GOVERNMENT KEYNOTE ADDRESS - Nobel A,B
Honorable Representative Rodney Frelinghuysen (R-NJ), Chairman, HAC-D
- 9:15 AM - 10:00 AM US DoD BUDGET UPDATE & OUTLOOK - Nobel A,B
COL Charles "Chick" Feldmayer USA (Ret.), Vice President, Washington Operations and Government Affairs, Nammo Inc.
- 10:00 AM - 10:15 AM BREAK - Nobel Assembly
- 10:15 AM - 11:00 AM DoD PERSPECTIVES & PRIORITIES - Nobel A,B
Mr. Jose Gonzalez, Director, OUSD-AT&L, Land Warfare & Munitions
- 11:00 AM - 11:45 AM WALL STREET PERSPECTIVE - Nobel A,B
Mr. Jeff Roncka, Senior Partner, Renaissance Strategic Advisors
- 11:45 AM - 1:00 PM LUNCH - Nobel C,D
- 1:00 PM - 2:15 PM AMMUNITION ENTERPRISE CROSS-SERVICE UPDATE - Nobel A,B
Mr. Jim Shields, PEO Ammunition
BG Kristin French, CG, Joint Munitions Command
Mr. Scott Rideout, USMC PM-Ammunition
LTC Krepps, USAF LCMC, Hill Air Force Base
Mr. Michael Hagn, USN, Head, Conventional Ammunition Division (G2)
- 2:15 PM - 3:00 PM ARDEC TECHNOLOGY PERSPECTIVES & OUTLOOK - Nobel A,B
Mr. John Hedderich, ARDEC Technical Director

- 3:00 PM - 3:15 PM BREAK - Nobel Assembly
- 3:15 PM - 4:30 PM INDUSTRY PANEL - Nobel A,B
Moderator: Mr. Kevin Knotts, Azimuth Consulting
Mr. Tim McAuliffe, VP/GM Medium Caliber & Weapons, GD-OTS
Mr. Mike Kahn, President, Orbital ATK
Mr. Todd Anderson, President, AMTEC
Mr. Michael Yoh, President, DZI
Mr. John Fleitz, Vice President of Sales and Business Development, Chemring Countermeasures USA
Mr. Joseph A. Fedeler, Director of Defense Products Group, NovaTech
Mr. Steve Dart, Expal USA
- 4:30 PM - 5:00 PM ICAP REPORT - Nobel A,B
Mr. Scott Selle, President, Nammo-Talley USA
- 5:00 PM ADJOURN
- 5:00 PM - 6:30 PM NETWORKING RECEPTION - Nobel C,D
Sponsored by Chemring North America

WEDNESDAY, APRIL 8

- 7:00 AM - 8:00 AM REGISTRATION - Preassembly
- 8:00 AM - 8:15 AM ADMINISTRATIVE REMARKS - Nobel A,B
Mr. Tim Bagniefski, Vice President, Marketing & Business Development, General Dynamics-OTS; Chairman, NDIA Munitions Technology Division
- 8:15 AM - 9:45 AM PM ACQUISITION PANEL - Nobel A,B
Chair: BG Patrick W. Burden, DPEO Ammunition
COL Willie Coleman, PM CAS
COL Moises Gutierrez, PM MAS
Mr. Matthew Butler
Mr. Matt Zimmerman, PD Joint Services
COL Barry Roeper, USAF, PD Joint Products
- 9:45 AM - 10:00 AM BREAK - Nobel Assembly
- 10:00 AM - 11:00 AM US GOVERNMENT - STRATEGIC INTERNATIONAL PANEL & INDUSTRY ITAR / COMMERCE PERSPECTIVES - Nobel A,B
Chair: Ms. Doreen Chaplin, APEO Ammunition, International
Mr. Leon Yates, DSCA
Ms. Candace Goforth, Managing Director, Goforth Trade Advisors
- 11:00 AM CLOSING REMARKS - ADJOURN

SPEAKER BIOGRAPHIES

Mr. Tim Bagniefski
Vice President, Marketing & Business Development, General Dynamics-OTS
Chairman, NDIA Munitions Technology Division

Timothy J. Bagniefski is Vice President of Marketing and Business Development for General Dynamics Ordnance and Tactical Systems. The company's core business is in munitions, with sales of approximately \$1.35 billion.

Mr. Bagniefski has over 28 years of experience in the defense field. He joined Olin Corporation in 1988 as a management intern. During his nine years with Olin, Mr. Bagniefski held positions of increasing responsibility within its Winchester and Olin Ordnance Divisions.

On January 1, 1997, Olin Corporation spun off its Ordnance and Aerospace divisions into Primex Technologies, Inc., and Mr. Bagniefski was promoted to Director, International Marketing and Strategic Planning for the newly formed company. In 2001, after the acquisition of Primex Technologies by General Dynamics, Mr. Bagniefski was promoted to Vice President, Marketing and Business Development for General Dynamics-OTS, responsible for all domestic and international business development programs for the OTS Division.

Mr. Bagniefski currently serves as the Chairman of the NDIA Munitions Division. He also serves on the Board of Directors of the Florida Federal Contractors Association.

Mr. Bagniefski's office is located at General Dynamics Ordnance and Tactical Systems, headquartered in St. Petersburg, Florida.

MG Barry Bates, USA (Ret.)
Vice President of Operations, NDIA

Prior to retirement from the U.S. Army on 1 January 2003, General Bates served as the Commander, 19th Theater Support Command, Eighth U.S. Army, Republic of Korea. In this capacity he was responsible for logistics support and installation management for U.S. Army forces in Korea, as well as for planning wartime logistics to support U.S. Army units deploying to Korea in the event of hostilities.

General Bates' previous experience includes leading the worldwide retail operations of the Army and Air Force Exchange Service as its Commander and CEO.

In his present role as Vice President-Operations at NDIA, General Bates has responsibility for logistics and administrative support for 33 functionally oriented, corporate leader-populated industrial base committees, and he leads a team responsible for the planning and execution of more than fifty conferences and symposia annually.

General Bates is a graduate of Oklahoma State University with a BS in Business and holds an MS Degree in Logistics Management from the Florida Institute of Technology. He is a graduate of the Industrial College of the Armed Forces and has been recognized as a Certified Professional Logistician by the Society of Logistics Engineers.

General Bates joined NDIA in February 2003. He and his wife, Laureen, reside in suburban Virginia.

Mr. Jim Shields
PEO Ammunition

Mr. James Shields became the Program Executive Officer Ammunition in July 2014. The PEO Ammunition mission is to execute life cycle management of munitions and serve as the Department of Defense Single Manager for Conventional Ammunition. With a FY14 operating budget exceeding \$2.4 billion, the PEO manages conventional ammunition for all our armed Services and certain allied partners and equips Soldiers with mortar systems, countermine and counter improvised explosive device systems.

Previously Mr. Shields served as the Deputy Program Executive Officer Ammunition since November 2009, Joint Program Manager (JPM) and Deputy JPM for the Joint Lightweight 155mm Howitzer (JLW155); Chief, Systems Engineering Division, Crusader self-propelled artillery system; Team Leader, Wide Area Mine (WAM); and Mechanical Systems Specialist, International Programs Office, Autonomous Precision Guided Munitions (APGM).

Mr. Shields graduated from Rutgers University with a Bachelor's of Science degree in Mechanical Engineering and received

SPEAKER BIOGRAPHIES CONT.

a Master of Science degree in Mechanical Engineering from Stevens Institute of Technology. He is a graduate of the Program Management Course and the Executive Program Management Course of the Defense Systems Management College.

Mr. Shields is a member of the Army Acquisition Corps, the American Society of Mechanical Engineers, the Association of the United States Army, and the United States Army Field Artillery Association. His awards include the Department of the Army's Decoration for Exceptional Civilian Service, Meritorious Civilian Service Medal, and Superior Civilian Service Medal; the National Defense Industrial Association's Award for Outstanding Achievement in Production; and the Field Artillery Association's Ancient Order of Saint Barbara Medal.

BG Kristin French, CG

Joint Munitions Command / JM&L LCMC

Brigadier General Kristin K. French assumed the duties of commanding general of the Joint Munitions and Lethality Life Cycle Management Command and Joint Munitions Command on July 2, 2013. The JM&L LCMC consists of 16 military Soldiers, over 5,000 government civilians, and over 6,000 government contractors working at 14 depots, arsenals, and ammunition plants strategically-located across the United States. The Command produces approximately \$2B in munitions and sustains a \$61B stockpile. It executes integrated life-cycle management and provides effective, available, and affordable munitions and lethality to U.S. Military Services. The overarching goal of the JM&L LCMC is to have the best munitions in the right place, at the right time, at the right cost.

Brigadier General Kristin K. French is a native of Glen Rock, N.J. She graduated from the United States Military Academy, West Point, in 1986 and was commissioned into the Regular Army as a Lieutenant in the Quartermaster Corps.

After completion of the Quartermaster Officer Basic Course, she was assigned to the 13th COSCOM at Fort Hood, Texas from 1987-1990, where she served in both the 565th Repair Parts Company and the 553rd Supply and Service Battalion. After attending the Quartermaster Officer Advanced Course in 1990, she served in the 3rd Infantry Division (Mechanized) in Kitzingen, Germany from 1991-1994. While in 3rd Infantry Division, she commanded Alpha Company, 703rd Main Support Battalion.

Brigadier General French left Germany to attend the Logistics Executive Development Course and Florida Institute of Technology at Fort Lee, Va., and obtained a Masters Degree in Logistics Management. Following graduation, she was assigned to Fort Bragg, N.C. from 1995-1997 where she deployed to Zagreb, Croatia in support of OPERATION JOINT ENDEAVOR.

After graduation from the Command and General Staff College at Fort Leavenworth, Kan., she returned to the 3rd Infantry Division (Mechanized) at Fort Stewart, Ga. from 1998-2001. While in 3ID, she deployed to Kuwait in support of OPERATION DESERT FOX.

Brigadier General French moved to Fort Carson, Colo., in 2001 and assumed duties at the 43rd Area Support Group. She assumed command of Regimental Support Squadron, 3rd Armored Cavalry Regiment, in June 2002 and deployed her squadron to Iraq for one year in support of OPERATION IRAQI FREEDOM. After command, in July 2004, she transferred to Fort Hood, Texas to the 4th Infantry Division.

In July 2005, Brigadier General French attended the U.S. Army War College. She received a Masters Degree in Strategic Studies in June 2006. Following graduation, she assumed command of the 406th Army Field Support Brigade at Fort Bragg, N.C. In June 2008, after brigade command, she served at the Defense Logistics Agency, at Fort Belvoir, Va. In June 2009, she was assigned to the Pentagon and became the Military Advisor to the Assistant Secretary of Defense for Logistics and Materiel Readiness in the Office of the Secretary of Defense.

In June 2011, she assumed command of the 3rd Sustainment Command (Expeditionary) at Fort Knox, Ky., and in April 2012 deployed the unit to Afghanistan in support of OPERATION ENDURING FREEDOM.

Brigadier General French's awards and decorations include the Defense Superior Service Medal, Legion of Merit (1 Oak Leaf Cluster), Bronze Star Medal (1 Oak Leaf Cluster), Defense Meritorious Service Medal, Meritorious Service Medal (4 Oak Leaf Clusters), Joint Service Commendation Medal, Army Commendation Medal, and Army Achievement Medal (1 Oak Leaf Cluster).

SPEAKER BIOGRAPHIES CONT.

Mr. John Hedderich Technical Director, ARDEC

John F. Hedderich III was assigned as Director of the U.S. Army Armament Research, Development and Engineering Center (ARDEC) at Picatinny Arsenal, New Jersey, on February 8, 2015.

As Director, Mr. Hedderich provides strategic leadership and managerial accountability to ARDEC's obligation of over \$1.3 billion, 64 laboratories, and a workforce of over 4,000 government and support personnel, including engineers and technical staff dedicated in delivering superior lethal and non-lethal armament solutions to the warfighter.

Prior to his current position, Mr. Hedderich was the Executive Director of the Munitions Engineering and Technology Center at ARDEC. He was responsible for providing guidance and direction to an engineering and scientific community. He was also responsible for developing, directing and managing ARDEC investment strategies to ensure state-of-the-art facilities, people and equipment, as well as the center's extensive research, development and engineering efforts for fielding new ammo, munitions, and combat systems.

Mr. Hedderich previously served as the Director of the Armaments Engineering Technology Center from January 2007 to June 2008. He also served as Acting Director for ARDEC from November 2004 to August 2005.

Mr. Hedderich was Director for Enterprise Management from October 2003 to January 2007. In this capacity, he was responsible for ARDEC's technology base and manufacturing technology programs, strategic planning, and portfolio and knowledge management.

From June 2002 to October 2003, Mr. Hedderich served as Senior Technical Executive in the former ARDEC Close Combat Armaments Center, where he was responsible for developing and executing scientific and technology strategies for small, medium and large caliber weapons, ammunition, mines and countermine, non-lethal weapons and ammunition and special operations gear. He also served as Associate Technical Director (Systems Concepts and Technology) where he was responsible for the Armament Technology Base Program executed by ARDEC.

A career executive, he was appointed to the Senior Executive Service, the highest level of civilian government service, in November 1998.

Honorable Representative Rodney Frelinghuysen (R-NJ) Chairman, HAC-D

Rodney P. Frelinghuysen is serving his eleventh term as the Representative for New Jersey's 11th Congressional District. In the 114th Congress, Frelinghuysen serves as New Jersey's senior member of the House Appropriations Committee and on three key appropriations subcommittees: Energy and Water Development, Homeland Security and Defense, where he serves as Chairman.

Frelinghuysen represents 54 municipalities in the 11th Congressional District, including communities in Morris, Sussex, Passaic, and Essex Counties.

Throughout his time in Congress, Frelinghuysen has worked to lower taxes and provide for a strong national defense. He has been a tireless advocate for New Jersey priorities earning the title "New Jersey's 'Go-to-Guy.'" from the New York Times. Frelinghuysen strongly advocates for New Jersey, focusing on the expansion of mass transit, improving homeland security, preserving open space, creating jobs and opportunities, and supporting our military personnel and our veterans.

Frelinghuysen graduated from Hobart College in 1969. After graduation, Frelinghuysen completed basic training at New Jersey's Fort Dix and served in Vietnam with the U.S. Army. He was a member of the 93rd Engineering Battalion (Construction) stationed in the Mekong Delta.

After returning home from Vietnam in 1971, Frelinghuysen began his work on behalf of the people of New Jersey when he became Morris County's State and Federal Aid Coordinator and Administrative Assistant. From 1974 to 1983, Frelinghuysen served three-terms as a member of the Morris County Board of Chosen Freeholders, where he was chosen as its director in 1980.

Frelinghuysen went on to serve in the New Jersey General Assembly in 1983. He served as Chairman of the Assembly Appropriations Committee from 1988-89 and again from 1992 to 1994. In Trenton, our state capital, Frelinghuysen created a record as one of the most fiscally conservative members of the legislature.

He also quickly built a reputation for outstanding service to his constituents. Through countless events in communities across

SPEAKER BIOGRAPHIES CONT.

the 11th District, Rodney actively seeks out and listens to the opinions and advice of his constituents. He holds regular town hall meetings, visits dozens of schools, attends hundreds of community events, and personally responds to over 75,000 letters, emails, faxes and telephone calls each year.

In 1995, Frelinghuysen was sworn in as a member of the United States House of Representatives. He was immediately selected to serve on the House Appropriations Committee, which oversees all aspects of the federal budget, because of his Appropriations experience in Trenton.

Frelinghuysen serves as Chairman of the House Defense Appropriations Subcommittee. Through his work on this subcommittee, Frelinghuysen has become a well respected voice on foreign, military and intelligence affairs. He has made numerous trips to Afghanistan and the Middle East to see the situation through the lens of those New Jerseyans serving our nation.

Frelinghuysen is well known for championing the important work being done at New Jersey's vital military installations, especially Picatinny Arsenal in Rockaway Township. Picatinny is the U.S. Army's premier research and development facility. He also advocates on behalf of all New Jersey military installations: Joint Base Dix, Lakehurst and McGuire Air Force Base; Earle Naval Base and the 177th Fighter Wing out of Atlantic City.

Frelinghuysen also understands that we must support our troops both while in the battlefield and after they return home. As a veteran himself, he recognizes how important it is to care for those who risked their lives in the defense of our freedom. To honor our veterans, Frelinghuysen closely supports the mission of Lyons and East Orange VA Medical Centers, two healthcare support hospitals serving many veterans in northern New Jersey, and continues to ensure our veterans received their promised benefits of greater health care, housing, employment and educational opportunities. To make access to VA health care more convenient for our local veterans, Frelinghuysen secured federal funding to open a VA outpatient clinic in Morris County in 2000 and renovate a facility at the Lyons VA to support Homeless Veterans Treatment Program and supports Veterans job fairs in the Congressional District.

Frelinghuysen is well known in New Jersey and on Capitol Hill for his fiscally conservative views on government spending, taxes and the economy. His focus is keeping the tax burden low and encouraging economic development has earned him the "Hero of the Taxpayer" Award from the Americans for Tax Reform, as well as praise from the U.S. Chamber of Commerce, the National Association of Manufacturers and the National Federation of Independent Businesses.

Frelinghuysen is active in numerous volunteer and charitable organizations. He is a member of the American Legion Post 59 and a life member of the Veterans of Foreign Wars Post 3401. His Congressional outreach initiatives include his Youth Advisory Committee and the Picatinny Working Group.

Frelinghuysen resides in Harding Township, New Jersey, with his wife, Virginia. He has two daughters. He was born on April 29, 1946.

COL Charles "Chick" Feldmayer USA (Ret.) Vice President, Washington Operations and Government Affairs, Nammo Inc.

Charles "Chick" Feldmayer is currently the Vice president of Government Affairs for Nammo, Inc., where he Leads public policy and government affairs initiatives for Nammo and actively supports munitions industry concerns through the Munitions Industrial Task Force.

Charles Feldmayer is a government affairs and management specialist with over thirty years experience in government affairs, resource management, operations, and fiscal planning. He has developed and led seminars on the legislative process at the United States Army War College, the Defense Management Staff College, and the Army Management Staff College. He has taught as a professor of Accounting at Strayer University and worked as a research fellow for defense budget issues with the Association of the United States Army, Institute of Land Warfare.

Chick retired from the United States Army as a field artillery Colonel after thirty years of service in a wide variety of assignments including eleven years overseas. His last five years of service were spent at the Pentagon as the Chief of the Congressional Budget Liaison Office, where he was responsible for liaison with the House and Senate Appropriation Committees. He focused on Army procurement, research and development, operations, personnel, and military construction issues. Charles advised the Army leadership on congressional issues and facilitated an ongoing dialogue between congressional leaders and the Army leadership

SPEAKER BIOGRAPHIES CONT.

to secure funding for service initiatives. In addition to representing the Army to Congress, he traveled extensively throughout the world with numerous Members of Congress and their staffs while dealing with key national defense issues.

Prior to his work with congressional budget liaison, he served in the Army Budget Office as the Deputy Director of Investments for the United States Army and was responsible for providing budget and program management oversight army-wide for all procurement, research and development, and construction efforts. He is a recognized expert on the acquisition and budget process.

Charles has completed the Executive Development Program at Columbia University, earned a Masters of Business Administration from Northwestern State University and a Bachelor of Business Administration from the University of Oklahoma. He is a graduate of the United States Army War College and the United States Army Command and General Staff College.

Mr. Jose Gonzalez

Director, OUSD-AT&L, Land Warfare & Munitions

In June 2010, Mr. Jose Gonzalez was appointed to the Senior Executive Service as the Director, Land Warfare and Munitions, within the Office of the Under Secretary of Defense for Acquisition, Technology and Logistics, where he is responsible for acquisition oversight and technology advancement of tactical land warfare and conventional munitions programs. Mr. Gonzalez has been with the Office of the Secretary of Defense (OSD) since 2001 and with the Department of Defense since 1985. He has taken on various assignments while in OSD, including special assignments in the areas of C4I, munitions, and homeland defense. Mr. Gonzalez serves as the U.S. Key Delegate to the NATO Conference of National Armaments Directors, Ammunition Safety Group (AC 326).

Mr. Gonzalez started his career in the defense industry at Vitro Corporation, Silver Spring, Md., as a software engineer for the U.S. Navy's TARTAR Mk 14 Weapons Direction System. In 1989, he entered federal government service at the U.S. Naval Surface Warfare Center (NSWC), Dahlgren, Va. While at NSWC, he served as Technical Direction Agent and System Engineer for the U.S. Navy's Mk 41 Vertical Launching System, facility manager for the Navy's Program Assurance Facility, Head of the Advanced Launching Systems Group, and Head of the Advanced Control Systems Engineering Branch. During this time he took on two developmental assignments, first as the Combat Systems Department Head for the U.S. Navy's Smart Ship Project and second as a Staff Specialist in OSD, supporting the office of Naval Warfare.

Mr. Gonzalez received a Bachelor of Science degree in Electrical Engineering from the University of Maryland in 1985. He earned a Masters Degree in Public Administration from Virginia Polytechnic Institute and State University in 2005. He is a graduate of the Leadership for a Democratic Society program from the Federal Executive Institute.

Mr. Gonzalez is a resident of Charles County, Maryland, where he lives with his wife Margie and nearby daughters Jessica, Holly, and grandchildren.

Mr. Jeff Roncka

Senior Partner, Renaissance Strategic Advisors

Jeff Roncka is the Senior Partner at Renaissance Strategic Advisors II, LLC ("RSAdvisors"). He offers clients 19 years of diverse experience in the national security and aerospace arenas. Mr. Roncka's background in the aerospace and defense industry spans both the public and private sectors, including positions in Federal Government, investment banking, management consulting, litigation support and serving on the board of a small publicly-traded aerospace supplier.

Jeff has a wealth of experience helping companies and investors generate value creating strategies, and his core advisory offering is helping clients understand and react to their business environment. Specifically, his expertise lies in guiding executives through a structured process of assessing their served markets and relative competitive position, identifying repositioning imperatives and developing responsive strategies. Frequently, these engagements involve the formulation and execution of M&A. Mr. Roncka has participated in over one hundred twenty aerospace/defense transaction processes over the past decade, representing a diverse range of US and international strategic and financial clients. He has worked on deals ranging in size from less than \$5 million in enterprise value to over \$4 billion.

Jeff joined RSAdvisors in 2011. His earlier experience includes eight years at Charles River Associates, where he led their Washington DC-based defense consulting team. Prior to that, he served as Senior Vice President at Global Technology Partners, LLC,

SPEAKER BIOGRAPHIES CONT.

a transaction advisory boutique founded by former Secretary of Defense William J. Perry and affiliated with the Rothschild family of investment banks. His Federal Government experience began with his appointment as a Presidential Management Fellow in 1995, after which he spent five years in the Office of the Under Secretary of Defense for Acquisition & Technology focusing on two issues: industrial policy and cruise and ballistic missile defense. Complementing his largely DoD government background were short-term positions at the Department of State and Central Intelligence Agency.

Jeff graduated Magna Cum Laude from Harvard College with an A.B. degree in Modern European History and subsequently completed his Master's degree in National Security Policy from The George Washington University. Mr. Roncka also completed professional development courses in system program management at the Defense Acquisition University and in Mergers and Acquisition at the University of Pennsylvania's Wharton School.

Mr. Scott Rideout, USMC Program Manager, Ammunition

Mr. Rideout currently serves as Program Manager, Ammunition where he began duty in August, 2014 where he manages the Marine Corps' \$8B+ ground ammunition and explosives inventory from production through disposal. Primary responsibilities include acquisition, ammunition surveillance and maintenance, worldwide inventory and distribution management, management of the ammunition IT infrastructure, prepositioning and operations planning, and management of the USMC environmental and explosives safety program.

Mr. Rideout was selected as the USMC Deputy Program Manager, Light Tactical Vehicles in 2011 where he helped manage a portfolio including the Joint Light Tactical Vehicle (JLTV), High Mobility Multi-purpose Wheeled Vehicle (HMMWV), HMMWV Sustainment Modification Initiative, Internally Transportable Vehicle, the Marine Corps Transparent Armor Gun Shield (MCTAGS), MCTAGS-Reducible, Light Tactical Trailer, and Military Motorcycle programs. He also is the JLTV Joint Project Office, Special Projects Officer, reporting directly to the Joint Program Manager (US Army), responsible for many aspects of the program including IMS management, Requirements Management, Framing Assumptions Pilot Program, Risk Advisory Board and Configuration Control Board Chair.

Mr. Rideout was selected as the USMC JLTV Chief Engineer in 2007 responsible for technical management of the ACAT ID program from pre-Milestone A through the start of EMD source selection. His innovative specification tiering mechanism and knowledge point processes have been adopted by other large programs such as ACV 1.1.

Mr. Rideout was promoted to serve as the first Marine Corps Systems Command Safety Director in 2002. Within five years he took an idea with no resources, and turned it into a premier acquisition ESOH office holding significant sway within the joint environment. The Safety Office to this day emulates the principle that they serve to help make Program Manager's successful in fielding acceptably safe weapon systems within cost, schedule and performance constraints.

Mr. Rideout moved to the Marine Corps Systems Command in 1999 to perform safety engineering tasks, and later moved to be the Senior Engineer for the Logistics Vehicle System Replacement (LVSR) program during its early development when it was a pre-ACAT program.

Mr. Rideout was promoted to become the Naval Explosives Safety Afloat Program Manager in 1997. During this tour he served on the Weapons Safety Explosives Review Board, provided explosives safety guidance to ship development programs, performed numerous explosives inspections, and published Ordnance Publication 4, "Explosives Safety Afloat".

Mr. Rideout moved to the Naval Ordnance Center (NOC) in 1995 to manage the Commands 10 Naval Weapons Stations and associated facilities around the country. During this time he managed the NOC facilities budget of over \$70M annually and made significant improvements in the shore-front infrastructure needed to load ammunition and explosives aboard Naval Ships and Boats.

Mr. Rideout started his government career in 1989 at the Naval Packaging, Handling, Stowage and Transportability Center in Colts Neck NJ. He served as Acquisition and Program Manager for a wide variety of weapons containers and associated ordnance equipment. His office was designated an acquisition reinvention lab and prototyped many of the acquisition improvements implemented across the department later in the decade.

SPEAKER BIOGRAPHIES CONT.

Mr. Michael Hagn

Head, Conventional Ammunition Division (G2)

Mr. Michael Hagn is currently the Head of the G2 Conventional Ammunition Engineering Division at NSWC-Indian Head. He is a 1989 graduate of Bucknell University earning a bachelor's degree in mechanical engineering and a 1996 graduate of Florida Institute of Technology earning a master's degree in management.

Mr. Hagn started his federal career in 1989 working for the US Army – ARDEC in the mechanical test laboratory and eventually became the lead engineering of the laboratory. He conducted numerous investigations into advanced materials including establishing advanced test techniques for metal matrix composites.

In 2000 Mr. Hagn moved to the Public-Private Partnership office within ARDEC and was part of a team that instituted new policy for leveraging excess government capabilities with the private sector.

Mr. Hagn then took a position with the PEO Ammunition Industrial Base office as the head of the Technology and Prototyping Division. Michael Hagn was responsible for investigating and transitioning new technology into the munitions industrial base to decrease cost and improve manufacturability.

In 2007 when the Navy was forming a new detachment at Picatinny Arsenal as instructed by BRAC law, Mr. Hagn accepted a position as commodity manager for pyrotechnics and demolition materials. In 2008 Mr. Hagn moved to become the division head of the conventional ammunition division. He was tasked with building a new team due to BRAC and establishing the capability which once existed at NSWC-Crane. Currently the G2 division contains 2 branches and a total of 48 individuals who are responsible for the planning and execution of all ammunition acquisition (except pyro/demo) for the surface Navy.

During 2015, Mr. Hagn has also taken on the responsibility of Deputy Department Head for the Systems Integration Department, which includes Naval PHST (Packaging Handling Storage and Transportation) Division, Conventional Ammunition Division and Guns Division.

Mr. Kevin Knotts

President and CEO, Azimuth Consulting Services

Kevin Knotts is the president and CEO of Azimuth Consulting Services and is a certified Project Manager Professional.

Kevin has over 30 years' experience in logistics, industrial engineering, and acquisition. The first 21 years were in Army logistics operations and acquisition as an Ordnance Officer. Kevin's assignments were in both the Army's wholesale logistics and field service organizations. His wholesale logistics experience was at the Tank and Automotive Command where he was a contracting/project officer, and later the Executive Officer to the Commanding General. His field service positions included, Army G4 Staff as the Readiness Branch Chief, Battalion Commander, and the 1st Armored Division DISCOM XO & S3. During Desert Storm, Kevin was the Executive/Operations Officer of the 66th Maintenance Battalion supporting the 10th Special Forces Group, Operations Support Command.

Kevin traded Army Green for Corporate Grey in 1998. He cut his teeth in consulting with PricewaterhouseCoopers, and IBM focusing on industrial base supply chain logistics and acquisition. Kevin then partnered with Dr. Jay Sculley (former Assistant Secretary of the Army for Acquisition Logistics and Technology) at Horne Engineering in 2004 and established a supply chain logistics group specializing in munitions. In 2005 Kevin moved his group to CSC and in 2013 Kevin established Azimuth Consulting Services. He is currently its president and CEO and continues to lead his consulting company that has expertise in supply chain logistics to include: supply chain assessments, industrial base assessments, acquisition, public private partnerships, and business process re-engineering.

Kevin holds a Bachelors of Arts degree in Economics from the Virginia Military Institute and a Masters Degree in Business Administration with a concentration in finance and accounting from Babson College. His military schooling includes the Materiel Acquisition Management Project Mangers Course and Contract Management Courses required for an Unlimited PCO Warrant.

Kevin's service awards include: The Legion of Merit, Bronze Star, Army Staff Badge, Parachute Badge, various other decorations for Gulf War Service, and the Army Material Command's Besson Award for Contract Excellence.

SPEAKER BIOGRAPHIES CONT.

Mr. John Fleitz

Vice President of Sales and Business Development, Chemring Countermeasures USA

John Fleitz currently serves as the Vice President of Sales and Business Development for Chemring Countermeasures USA. Chemring Countermeasures USA is an industry leader in the design, development, and production of infrared decoy flares, covert multi-spectral special material decoys and various other ordnance products including naval shipboard countermeasures, marine location markers, practice bomb signal cartridges and payloads for the 40mm DNT program. Comprised of Kilgore Flares in Toone, TN and Alloy Surfaces in Chester Twp, PA, CCM USA is part of the Chemring Group PLC based in Romsey, UK. Chemring Group PLC is a global business that specializes in the manufacture of high technology products and services for the aerospace, defense and security markets in more than fifty countries.

In his role, Mr. Fleitz oversees the Sales and Business Development functions of the organization and is responsible for the planning and directing of the sales and marketing policies, objectives and initiatives for both Alloy Surfaces and Kilgore Flares. He has 16 years of experience in the defense industry, most recently as the Director of Business Development for Chemring North America, where he coordinated business development and government affairs functions for CNA's seven business units. Prior to his work in the defense sector, Mr. Fleitz spent several years in the political arena working for US Congressman Curt Weldon of Pennsylvania, where he served as his District Director.

Mr. Fleitz holds an Executive MBA from the University of Delaware Lerner College of Business and Economics and an undergraduate degree from West Chester University of Pennsylvania.

Mr. Tim McAuliffe

Vice President and General Manager, Medium Caliber Ammunition & Weapon Systems Business Unit, GD-OTS

Timothy 'Tim' M. McAuliffe is Vice President and General Manager of the Medium Caliber Ammunition and Weapon Systems Business Unit of General Dynamics Ordnance and Tactical Systems.

Mr. McAuliffe has over 30 years of experience in the defense business. He joined Olin Corporation in 1984. During his 13 years with Olin, he held positions of increasing responsibility in Research and Development, Marketing and Production/Program Management in Medium Caliber Ammunition in Marion, Illinois and St. Petersburg, Florida.

On January 1, 1997, when Olin spun off its Ordnance and Aerospace Divisions into Primex Technologies, Inc. Mr. McAuliffe assumed increasing responsibility as Director of Marketing, Programs, Contracts and R&D for Medium Caliber Ammunition.

In 2001, after the acquisition of Primex Technologies by General Dynamics, Mr. McAuliffe became Director of Medium Caliber Ammunition Systems. In October 2006, Mr. McAuliffe was promoted to Senior Director of Medium Caliber Ammunition, Marion Operations.

In June 2007, Mr. McAuliffe was promoted to Vice President and General Manager for General Dynamics Ordnance and Tactical Systems Medium Caliber Ammunition Business Unit.

In July 2013, Mr. McAuliffe was appointed Vice President and General Manager of the Medium Caliber Ammunition and Weapon Systems Business Unit.

Mr. McAuliffe graduated from the University of Missouri-Rolla where he earned a B.S. degree in mechanical engineering. He later completed the Young Managers Program at University of Virginia – Darden Graduate School and the General Dynamics Ordnance and Tactical Systems Leadership Decathlon Program.

Mr. McAuliffe is an active member of the Association of the United States Army (AUSA), National Defense Industrial Association (NDIA) and former committee member/program chairman of the NDIA Guns and Ammo Division. He was the 2012 NDIA William R. Moseley Award recipient and the 2012 Firepower Production Award recipient.

Mr. McAuliffe's office is located in Marion, Illinois.

Mr. McAuliffe is married to Deanna and has three children: Alison, Jaime and Matthew.

SPEAKER BIOGRAPHIES CONT.

Mr. Mike Kahn

President, Defense Systems Group, Orbital ATK

Michael A. Kahn serves as President of Orbital ATK's Defense Systems Group. Mr. Kahn is responsible for leadership of the company's Defense Systems' divisions, covering defense electronics, missile products, precision weapons, gun systems and ammunition that serve America and our allies.

Prior to assuming his current position, Mr. Kahn served in multiple senior leadership positions within ATK, where he was responsible for overall management of defense, space, strategic and commercial system businesses and related operations. He most recently served as Senior Vice President and President of ATK's Defense Group. Prior to that role, Mr. Kahn was the President of ATK's Missile Products group, home to ATK's advanced capabilities in anti-radiation strike weapons, aircraft survivability systems, advanced ordnance and tactical propulsion. Before assuming that role, he served as the Executive Vice President of ATK's Aerospace Systems group, as well as the Executive Vice President and General Manager for ATK Launch Systems where he was responsible for key programs including the space shuttle reusable solid rocket motors, the development of programs to support NASA's future space exploration needs, and the propulsion systems for Trident D-5, Minuteman III, missile defense and various launch vehicles.

Mr. Kahn has an extensive background across aerospace and defense. Since 1981, he has also been directly involved with solid and liquid propulsion systems for NASA, the U.S. military and a variety of commercial customers. He has received numerous awards for leadership and management, and fosters a workforce culture centered on meeting commitments, performance excellence and continuous improvement.

Mr. Kahn received a bachelor's degree in mechanical engineering from the University of Rochester and an MBA from Pepperdine University

Mr. Todd Anderson

President, AMTEC

Todd S. Anderson is President of AMTEC Corporation, Janesville, WI, a systems prime contractor and manufacturer of ammunition, fuzes and firing devices for the US Department of Defense and its' allies. AMTEC is a part of National Defense Corp, the defense division of National Presto Industries, Inc. AMTEC also operates two divisions: Amron, located in Antigo, WI, manufactures cartridge cases used in medium caliber ammunition (20mm, 25mm, 30mm and 40mm) primarily for the DOD and DOD prime contractors; Tech Ord, located in Clear Lake, SD, manufactures detonators, booster pellets, release cartridges, lead azide, and other military energetic devices and materials, and its major customers include US and foreign government agencies, and other defense contractors.

Todd was named to his current position in January 2014. He previously served as Executive Vice President and Vice President, Strategic Planning and Administration. Prior to joining AMTEC in 2009, Todd spent 19 years at Alliant Techsystems (ATK). While at ATK, he held various positions in quality, engineering and program management, as well as leadership positions in operations and program management, at their locations in Janesville, WI, Rocket Center, WV, and Plymouth, MN.

Todd has a Bachelor of Science Degree in Industrial Technology from the University of Wisconsin – Platteville. He has completed numerous training courses, including the Program Managers Skills Course at Defense Acquisition University and Lean Six Sigma Executive Course.

Mr. Michael Yoh

President & CEO, Munitions & Government, Day & Zimmermann

Michael Yoh is president & CEO of Day & Zimmermann's Munitions and Government business. Day & Zimmermann is a leader in construction & engineering, staffing and defense solutions for leading corporations and government agencies around the world. Headquartered in Philadelphia, PA and ranked as one of the largest private companies in America by Forbes, the company employs over 21,000 people and operates from more than 150 locations worldwide.

Michael Yoh is president & CEO of Day & Zimmermann's Munitions and Government business.

Mr. Yoh has held a number of increasingly responsible technical and management positions throughout Day & Zimmermann since joining the company in 1985, including assignments in engineering, operations, production, business development, quality

SPEAKER BIOGRAPHIES CONT.

improvement and contract negotiation and management.

Mr. Yoh serves in many capacities on outside boards. At Duke University he is a member of the Pratt School of Engineering Board of Visitors, and a past member of the Executive Committee of the Annual Fund. He is also a past president of the Duke University Engineering Alumni Council and past member of the Duke Alumni Committee. Mr. Yoh is a member of the board of the Boy Scouts of America's Sea Base High Adventure Camp and is past Vice Chair of the Boy Scouts of America's Cradle of Liberty Council. He is also a past member of the board of directors of the National Defense Industrial Association's (NDIA) Delaware Valley Chapter and past member of the (ICAP) Industrial Committee of Ammunition Producers.

Mr. Yoh holds a bachelor of science in Engineering from Duke University.

Mr. Joseph A. Fedeler Director of Defense Products Group, NovaTech

Mr. Fedeler joined NovaTech in 2004 and is currently the director of our Defense Products business segment. His subject matter expertise is the development, manufacture and supply of precision ordnance components including shaped charge liners and other critical munitions components. He has a proven understanding of the development process, production planning, tooling, new product design and development, manufacturing equipment specification and fabrication, quality assurance, and overall project and program management for the manufacture of critical munitions hardware. Much of his program management expertise is in the identification, qualification, and deployment of new suppliers for high volume production of critical ordnance and munitions components.

Other industry experience includes defense aerospace hardware, defense and commercial nuclear components, components for heavy industry and consumer products. He has worked with many customers to improve their existing products and processes, as well as to develop new products and manufacturing methods. He has held Department of Defense and Department of Energy security clearances, and is able to have them reinstated if necessary.

Mr. Steve Dart CEO, Expal USA

Steve Dart is the CEO of Expal USA, a part of the Maxam group of companies, one of the largest manufacturers of civil explosives in the world and the leader in demilitarization in Europe. Expal USA has its headquarters in Marshall, Texas where it has a Load, Assemble and Pack facility and a nascent pyrotechnic capability. Expal USA also operates a continuous energetics pilot plant in Minden Louisiana where it manufactures high energy/high blast explosives for the US DoD's new generation of weapons. Due to Expal USA's extensive experience in explosive handling it has recently been awarded contracts for the cleanup of energetic materials left over as a result of the collapse of Explo Systems in Minden LA.

Steve decided early in his career that he would like some else to pay for his university education so he started work at a British MoD explosive factory in Bridgwater, UK as a Student Engineer. This meant that he got the chance to become a bad welder; a poor plumber and a shocking electrical fitter before they'd had enough of him and sent him on to Nottingham University where he studied Chemical Engineering returning each summer to work on explosive processing projects for the MoD. After graduating with a BSc. BEng. honors degree in 1985, Steve moved to Belgium to work for Dr. Gerald Bull at Space Research Corporation in Brussels. Whilst there he worked on the development of production methods and testing program for the Base Bleed unit of the 155mm ERFB projectile in Galdácano, Spain and Liaoyang in China. In 1989 Steve left SRC to take up the position of Resident Engineer for British Aerospace in Santiago, Chile. During his four years in Chile Steve oversaw the construction and commissioning of the composite rocket motor manufacturing and testing facility for the RAYO artillery rocket. On returning to Europe in 1993 Steve joined ex-SRC engineers at Mekar in Belgium where he progressed from tank ammunition project engineer to Production Manager and eventually Technical Director before moving to the United States to start Mekar USA in 2005. Chemring purchased the assets of Mekar USA in September 2010 and Steve was appointed President of Chemring Military Products. In 2011 he started a new venture as CEO of Expal USA with the mission to set up the US operations for the renowned European defense company Expal.

Steve is fluent in Spanish and French and is a resident of East Texas, he became a US citizen in January 2015 but continues to speak in a "you're not from 'round here are you" accent.

SPEAKER BIOGRAPHIES CONT.

Mr. Scott Selle **President, Nammo-Talley USA**

Scott Selle is the President of Nammo Talley, Inc., a developer and producer of shoulder-launched munitions, energetic material systems, and composite structures. The company is headquartered in Mesa, Arizona, and also maintains operations in Utah, Pennsylvania and Mississippi. Nammo Talley is a subsidiary of Nammo AS, a global leader in ammunition, shoulder-fired weapon systems, missile components including tactical rocket motors, and demilitarization services.

Selle is primarily focused on accomplishing Nammo's corporate mission of Securing The Future by deploying the five elements of Nammo Talley's strategy: 1) creating value for customers and stakeholders; 2) advancing SLM technology and capability for U.S. and allied warfighters; 3) diversifying with innovative energetic and composite solutions; 4) differentiating from competitors with industry-leading operational performance; and 5) providing a respectful, professional and developmental workplace for employees.

Prior to joining Nammo Talley, Selle was the President of Fairchild Controls for five years. Fairchild Controls, located in Frederick, Maryland, is a subsidiary of Airbus North America, and supplies environmental controls, power converters, and high pressure air turbines for military and commercial aircraft. Before this, Selle worked for Honeywell (formerly AlliedSignal), where he was Director of Aerospace Component Aftermarket Services with operational responsibility for seven Department of Defense and FAA-certified repair stations located in the U.S. and Canada. He also held other leadership positions in the Honeywell Aerospace manufacturing and integrated supply chain organizations.

From 1987 through 1995, Selle served in the U.S. Navy as a line officer on submarines, achieving the rank of Lieutenant. His assignments included Nuclear Reactor Controls Officer and Main Propulsion Officer on USS Haddock (SSN 621), and Navigator on USS Francis Scott Key (SSBN 657). He finished his military service stationed at the U.S. Pacific Fleet Training Command in San Diego, where he led submarine warfare and cruise missile tactical training for carrier battle groups prior to overseas deployments.

Selle holds a BS in Materials Science Engineering from the University of Florida, and an MBA from Arizona State University. He is a certified Six Sigma continuous improvement Black Belt, and holds professional certificates in quality engineering, lean manufacturing, and corporate strategy. When not working, he and his wife enjoy outdoor recreation and their dogs.

BG Patrick W. Burden **Deputy Program Executive Officer Ammunition**

Todd S. Anderson is President of AMTEC Corporation, Janesville, WI, a systems prime contractor and manufacturer of ammunition, fuzes and firing devices for the US Department of Defense and its' allies. AMTEC is a part of National Defense Corp, the defense division of National Presto Industries, Inc. AMTEC also operates two divisions: Amron, located in Antigo, WI, manufactures cartridge cases used in medium caliber ammunition (20mm, 25mm, 30mm and 40mm) primarily for the DOD and DOD prime contractors; Tech Ord, located in Clear Lake, SD, manufactures detonators, booster pellets, release cartridges, lead azide, and other military energetic devices and materials, and its major customers include US and foreign government agencies, and other defense contractors.

Todd was named to his current position in January 2014. He previously served as Executive Vice President and Vice President, Strategic Planning and Administration. Prior to joining AMTEC in 2009, Todd spent 19 years at Alliant Techsystems (ATK). While at ATK, he held various positions in quality, engineering and program management, as well as leadership positions in operations and program management, at their locations in Janesville, WI, Rocket Center, WV, and Plymouth, MN.

Todd has a Bachelor of Science Degree in Industrial Technology from the University of Wisconsin – Platteville. He has completed numerous training courses, including the Program Managers Skills Course at Defense Acquisition University and Lean Six Sigma Executive Course.

SPEAKER BIOGRAPHIES CONT.

COL Willie Coleman PM CAS

Colonel Coleman is a native of Columbia, South Carolina. He was commissioned in 1990 as a distinguished military graduate through the Reserve Officers Training Corps (ROTC) at South Carolina State University as an Infantry Officer. His assignments have spanned all Army echelons from platoon to Joint level.

In 1990, he received his Regular Army commission as a Second Lieutenant in the Infantry, graduating with a Bachelor of Science degree in Marketing from South Carolina State University in Orangeburg, SC.

Colonel Coleman received a Masters Degree in Procurement and Acquisition Management from Webster University in 2002. In 2013, he received a Master of Science degree in National Security and Resource Strategy from The Dwight D. Eisenhower School at Fort McNair. Colonel Coleman is also a graduate of the Advanced Management Program of the National Defense University, the Infantry Officer Basic and Advanced Courses as well as the Defense Acquisition University's Program Manager's Course, Executive Program Manager's Course, and the Senior Acquisition Course.

Colonel Coleman assumed charter as Project Manager, Combat Ammunition Systems-Indirect Fire (PM CAS-IF) on 12 September 2013. Prior to that, his most recent acquisition assignment was the Executive Officer for the Assistant Secretary of the Army for Acquisition, Logistics and Technology. From May 2008 to May 2011, he served as the Product Manager for the Future Combat Systems Advanced Collaborative Environment (ACE). From June 2004 to June 2007, Colonel Coleman served as an assignment officer at the Human Resources Command, Army Acquisition Management Branch. From 2002 to 2004, he served as a Contingency Contracting and Plans Officer for the 3rd U.S. Army. From June 1999 to June 2001, he served as the Chief, Joint Weapons Support Team and Procurement Officer, Defense Logistics Agency, Defense Supply Center Columbus, Ohio.

Prior to joining the Acquisition Corps, Colonel Coleman served in a variety of Infantry Command and Staff positions. From March 1995 to May 1996, he served as the Assistant Brigade Operations Officer for 2nd Brigade 502nd Infantry, 101st Airborne Air Assault Division, Fort Campbell, KY. From May 1996 to September 1998, he commanded HHC and Delta Company within the 3rd Battalion, 502nd Infantry, 101st Airborne Air Assault Division. Colonel Coleman started his Infantry career by serving as a Rifle Platoon Leader, Mortar Platoon Leader, and Company Executive Officer within the 3rd Battalion, 21st Infantry, 25th Infantry Division, Schofield Barracks, HI.

Colonel Coleman is a graduate of the Combined Arms Services Staff School and Command & General Staff College. His awards and decorations include: Bronze Star Medal, the Meritorious Service Medal (four oak leaf clusters), the Joint Service Commendation Medal, Army Commendation Medal, Army Achievement Medal (two Oak Leaf clusters), and the Order of Saint Maurice. He is authorized to wear the Ranger Tab, Expert Infantry Badge, Parachutist Badge, the Air Assault Badge, and the Army Staff Badge. Colonel Coleman is the proud father of two children; Briyana 19 and Brytton 16.

COL Moises Gutierrez PM MAS

Colonel Moises M. Gutierrez is the incoming Project Manager for Maneuver Ammunition Systems, Program Executive Office Ammunition. COL Gutierrez is a native of Chihuahua, Mexico but grew up in Denver, Colorado. He attended the University of New Mexico and New Mexico Highlands University, graduated in 1991 and was selected to serve as an Armor officer. His assignments have crossed all service echelons from Tank Platoon Leader to Joint Staff Officer. He first served with "Battle" Company, 4th Battalion, 37th Armored Regiment, First Infantry Division, Fort Riley, Kansas. In 1996 he served as a Troop Commander for "Bulldog" Troop, 4th Squadron, 7th Cavalry Regiment, 2nd Infantry Division in Camp Garry Owen, Republic of Korea. After redeployment, from 1998 thru 2000 he commanded Delta Troop, 5th Armored Brigade, Fort Carson Colorado.

COL Gutierrez began his Army Acquisition career as a career management officer at the Human Resources Command (HRC), Alexandria Virginia from 2000-2002. From 2003 thru 2006 he served in the Program Executive Office, Ground Combat Systems (GCS) and the Future Combat Systems (FCS) program in Detroit Michigan. COL Gutierrez served as an assistant project manager for the Abrams Tank Program, the Heavy Brigade Combat Team and the Future Manned Ground Vehicle System. In 2006 he deployed to Operation Iraqi Freedom (OIF) as a team chief for the Joint Improvised Explosive Device Defeat Organization (JIEDDO). In 2007 he was assigned to the Missile Defense Agency (MDA), Schriever, Air Force Base, Colorado as the project lead for Ground Fire Control

SPEAKER BIOGRAPHIES CONT.

and Communications. From 2008 thru 2009 COL Gutierrez deployed as the Security Cooperation Programs Director for the Multi-National Combined Security Transition Command-Afghanistan (CSTC-A). Post deployment he served as a Product Manager in Program Executive Office Intelligence, Electronic Warfare and Sensors (IEWS) for the FCS Brigade Combat Team ISR and Task Force "ODIN". From 2012-2013 he was assigned to the Office of the Assistant Secretary of the Army for Acquisition, Logistics and Technology (ASA (ALT)) where he served as the Director for Aviation and Intelligence Systems.

COL Gutierrez education includes a Bachelor of Arts in Pre-Law from the University of New Mexico; and a Master's of Science in Systems Acquisition Management from Webster University, St Louis Mo. He most recently completed Senior Service College at the Dwight D. Eisenhower School for National Security & Resource Strategy (formerly ICAF), earning a Master's of Science in National Resource Strategy. Additionally he is a graduate of the Armor Officer Basic and Advanced Courses, the Command and General Staff College and the Defense Systems Management College of the Defense Acquisition University. Col Gutierrez is level III certified in Program Management.

His awards include the bronze star (10LC), the Meritorious Service Medal (40LC), and the Joint Service Commendation Medal. COL Gutierrez is married to the former Sandra Judkins of Surry, VA and they have one son, Carson age four.

COL Richard Hornstein **Project Manager, Close Combat Systems**

Colonel Richard J. Hornstein received a Regular Army Commission in the Ordnance Corps from the Reserve Officer Training Corps in 1991 from the University of Rhode Island.

Colonel Hornstein's operational background includes a breadth of command and staff assignments in the United States, Europe and abroad. He has served with the 7th Infantry Division Light, in Fort Ord, CA; the 11th Armored Cavalry Regiment in Fulda, Germany; commanded a company at Fort Sill, OK; and deployed as part of the NATO Implementation Force. He also served as the Director of Contracting at Fort Leavenworth, KS; worked with Defense Contract Management Agency, Raytheon in Andover, MA; and twice served as a contingency contracting officer for Operation Iraqi Freedom and Operation Enduring Freedom. He also served as the Assistant Product Manager for the Command Post of the Future and the Product Manager for Tactical Mission Command, with the Program Executive Office, Command, Control, and Communications (Tactical), in Fort Monmouth, NJ; he served with the International Security Assistant Force Joint Command Staff in Kabul, Afghanistan; and was the Military Deputy for the Command Power and Integration Directorate with the Research Development and Engineering Command at Aberdeen Proving Ground, MD.

His military education includes the Combined Logistics Officer Advanced Course, the Army Command and the General Staff College, and the Army War College. He holds a Bachelor of Arts in History from the University of Rhode Island; a Master of Science in Acquisition and Management from the Florida Institute of Technology; and a Master of Strategic Studies from the Army War College.

His decorations and awards include; The Combat Action Badge, Expert Infantry Badge, Parachutist Badge, Air Assault Wings, the Legion of Merit, Defense Meritorious Service Medal with two Oak Leaf Clusters, Meritorious Service Medal with two Oak Leaf Clusters; Joint Commendation Medal, Army Commendations Medal with three Oak Leaf Clusters, Army Achievement Medal with four Oak Leaf Clusters, Armed Forces Expeditionary Medal, the Iraq and Afghanistan Campaign Medals with 3 stars, and both the Global War on Terrorism Expeditionary and Service Medals, and the NATO service medal.

He and his wife Robyn have three daughters Ashley, Alyssa, and Anne Grace.

Mr. Matthew Zimmerman **Project Director Joint Services**

Mr. Zimmerman is employed by the U.S. Army's Program Executive Office (PEO) for Ammunition as the Project Director Joint Services at Picatinny Arsenal, NJ. PD Joint Services is responsible for integrating and coordinating the DoD's Single Manager for Conventional Ammunition (SMCA) mission; executing the SMCA's industrial base management responsibilities, to include the Army Ammunition Plant modernization program, strategic planning and Public Law 105-261, Section 806; managing an Army ammunition logistics research & development (R&D) effort; managing a munitions manufacturing technology and prototyping program; and managing the demilitarization program for all of DoD's missiles and conventional ammunition.

Prior to PEO, Mr. Zimmerman was employed with the U.S. Army Armament Research, Development and Engineering Center (ARDEC)

SPEAKER BIOGRAPHIES CONT.

located at Picatinny Arsenal, N.J. where held positions as the Associate for Engineering in the Close Combat Armaments Center; Deputy Program Manager of the Joint Service Small Arms Program; and Program Manager of the Objective Individual Combat Weapon and Objective Crew Served Weapon air bursting munitions systems.

Mr. Zimmerman worked for the Office of the Under Secretary of Defense for Acquisition, Technology and Logistics as Land Warfare Staff Principal for the Multiple Launch Rocket System Upgrade, Land Warrior, and Joint Non-Lethal Weapons Program. His international experience includes a tour with the Australian Army's Engineering Development Establishment manufacturing the Steyr AUG assault rifle and FN Minimi Light Support Weapon; participation in a variety of NATO working groups, and the Infantry Weapons Data Exchange Annex lead with Korea, UK, and France. Mr. Zimmerman received a B.S. in Mechanical Engineering from the Pennsylvania State University, a Master in Engineering from Stevens Institute of Technology, a Master in Technology Management from the University of Pennsylvania and completed the Harvard University John F. Kennedy School of Government Senior Executive Fellows program. He is a certified Lean Six Sigma Black Belt and has attained Level III acquisition certification in Program Management and Systems Planning, Research, Development and Engineering.

COL Barry Roeper, USAF **PD Joint Products**

Colonel Barry D. Roeper is Project Director of Joint Products, Picatinny Arsenal, New Jersey. Colonel Roeper is the senior representative of the Air Force on the Single Manager of Conventional Ammunition (SMCA) team. He leads a group of professionals in achieving cost, schedule, and performance goals for other Service configuration-managed products. Colonel Roeper also supports the joint office of Executive Director of Conventional Ammunition (EDCA) for DoD, whose function is, among others, to advocate Service needs with the SMCA organization. Colonel Roeper enlisted in the Air Force in February 1981 as an Inertial and Doppler Radar Navigation Systems Specialist and was later commissioned through Officer Training School in August 1989 as a distinguished graduate. He is a fully qualified Joint Duty Officer who has maintenance experience on fighter, tanker, tactical and strategic airlift aircraft, as well as conventional and nuclear weapons. Colonel Roeper has commanded at the squadron and group levels, and has staff experience at the U.S. Central Command, two Major Commands, and the Twelfth Air Force staffs.

Ms. Doreen Chaplin **PEO Ammunition, APEO International**

Ms. Chaplin began work at Picatinny Arsenal in New Jersey as a Mechanical Engineering Technician in 1981 and was transferred to the Army Materiel Command (AMC) Headquarters in 1983 where she worked as a Mechanical Engineering Technician for the Acquisition Management Engineering and Contractor Performance Evaluation Division. In 1987, she returned to Picatinny Arsenal as a Mathematician working in Simulations, analyzing ballistics of guided 155mm projectiles (Copperhead, Autonomous Precision-Guided Munition (APGM)) using six-degree-of-freedom models.

Ms. Chaplin has more than 24 years of extensive program management experience working in the Office of the Army's Project Manager for Sense and Destroy ARMor (SADARM), Office of the Project Manager for Mines, Countermine and Demolitions (PM MCD) and the Office of the Project Manager for Close Combat Systems (PM CCS). From November 2009 – September 2013 she held the position of the Deputy Project Manager for PM CCS with total lifecycle management of 11 exceptionally diverse product lines (networked munitions, improvised explosive device defeat, standoff mine detection, shoulder launched munitions, pyrotechnics, grenades, countermine, demolitions, explosive ordnance disposal, K-9 equipment, non-lethal ammunition) and managed over 800 products with budget authority totaling \$4.1B dollars. Ms. Chaplin has worked extensively with the Office of the Secretary of Defense (OSD) Special Interest landmines programs as the Army's subject matter expert on U.S. National Landmine policy as it relates to acquisition of alternatives to landmines. Additionally, Ms. Chaplin served for several years as the landmine technical expert for the State Department negotiating landmine protocols for the United Nations Convention on Conventional Weapons (CCW) in Geneva, Switzerland.

Ms. Chaplin is currently the Assistant Program Executive Officer for International within the Program Executive Office Ammunition serving as the focal point for all International activities to include Army, other Services, other U.S. Departments and agencies, allied nations and industry partners to support foreign and international customers acquiring ammunition, weapons

SPEAKER BIOGRAPHIES CONT.

and counter explosive hazard systems through Foreign Military Sales (FMS)/Direct Commercial Sales (DCS). She also analyzes and evaluates International Arms Control Policy and treaties (Landmine/Cluster Munition/Taggant etc.) as it applies to ammunition development and production to include interface with DA, Other Services, OSD, Joint Staff, State Department, inter-agencies and foreign governments.

Ms. Chaplin earned a Bachelor of Science in Mathematics from George Mason University and a Master of Science in Management from Florida Institute of Technology. She is a graduate of the Defense Acquisition University's Advanced Program Management Course and Program Manager Course (PMT401) at Ft. Belvoir, Virginia. Ms. Chaplin is an Army Acquisition Corp member and is certified Level III in Program Management and Systems Planning Research Development and Engineering.

Ms. Candace Goforth

Managing Director, Goforth Trade Advisors

Candace Goforth is the Managing Director of Goforth Trade Advisors where she provides clients with strategic and practical day-to-day solutions involving defense trade and export controls. She is a subject matter expert on the International Traffic in Arms Regulations (ITAR) and the Export Administration Regulations (EAR).

Prior to establishing Goforth Trade Advisors, Candace served as the Policy Director in the Directorate of Defense Trade Controls at the U.S. Department of State, which is the authority for interpretation and implementation of the ITAR. As Director, Candace administered the Department of State's implementation of President Obama's Export Control Reform initiative and was intimately involved in the revision of the U.S. Munitions List and the Commerce Control List. Candace was also a key contributor in the drafting of the specially designed definition and the formulation of the transition plan.

Candace oversaw the Commodity Jurisdiction section which determines whether items are controlled on the U.S. Munitions List or Commerce Control List. Additionally, Candace managed revisions to the ITAR to include export policies related to Dual and Third Country Nationals and the Defense Trade Cooperation Treaties with the UK and Australia. The formulation of export licensing policies related to particular countries of concern was also under her purview.

Before serving as Policy Director, Candace was the Division Chief for the Emerging Technologies and Training Division in the Office of Defense Trade Controls Licensing and was charged with the training of all new Licensing and Agreements Officers. This involved providing foundational instruction in the ITAR as well as in-depth training in the review and adjudication of export license applications, technical assistance and manufacturing license agreements. The foundational instruction included training on the commodity jurisdiction process, registration requirements, compliance and enforcement activities, and brokering. She was responsible for developing and publishing related internal and external guidance on export control policies.

Candace's success as the Division Chief responsible for training was due to her hands-on experience as a licensing officer, an agreements officer, a commodity jurisdiction analyst and a compliance specialist. She is intimately familiar with the documentary requirements for the various authorization requests, commodity jurisdiction submissions and voluntary disclosures, and the related review criteria of the U.S. Government.

Candace is a perennial U.S. Government speaker on ITAR topics at the basic and advanced levels at conferences and training in the U.S. and abroad. She maintains strong contacts within the Departments of State, Commerce, Defense, Justice and Homeland Security as well as the National Security Staff. Candace received her Masters of Arts in Security Policy Studies from George Washington University. She maintains a Top Secret clearance with the U.S. Government.

THANK YOU TO OUR SPONSORS

BAE SYSTEMS

INSPIRED WORK

Chemring |
North America



Day & Zimmermann

We do what we say.®

EXPAL

GENERAL DYNAMICS

Ordnance and Tactical Systems

HERNON®

MANUFACTURING, INC.

High Performance Adhesives, Sealants and
Precision Processing Solutions

800-527-0004 • www.hernon.com

Orbital ATK 

THANK YOU TO OUR SPONSORS CONT.

CHEMRING NORTH AMERICA

Chemring North America (CNA) is the management office of Chemring Group PLC and is organized into three business groups:

- **Chemring Countermeasures USA (CCM USA)** is the world leader in the design, development and manufacture of advanced expendable countermeasures for protecting air, sea and land platforms against guided missile threats. This business group was formed through the acquisitions of Alloy Surfaces Company, Inc. (in 1993) and Kilgore Flares Company, LLC (in 2001). CCM USA manufactures infrared (IR) air countermeasures and is the first and most experienced in the manufacturing of Special Material (SM) decoys.
- **Chemring Ordnance (COR)**, is the munitions business within CNA and is a center of excellence for the design, development and production of ordnance, pyrotechnic products, and other munition components for military, homeland security, and first responders. Manufacturing includes all types of 40mm low and high velocity ammunition, pyrotechnic marking, signaling, and tactical illumination devices, battlefield effects simulators, hand grenade fuzes, and other ammunition components. Capabilities to provide load, assemble, and pack (LAP) services has significant market share in the CAD/PAD market, with strong component sales to missiles, munitions, space and ammunition prime contractors.

In addition, Chemring Military Products (CMP), and operating company within COR, provides US and allied armed forces with a wide variety of new and surplus ammunition, weapon systems and accessories, as well as military vehicles and weapon platforms. CMP offers DDTC-registered and ISO-9001:2008-certified brokering services, including ATF licenses, export licensing, supply chain management and quality control and assurance.

- **Chemring Sensors & Electronic Systems (CSES)** is organized into three operating units:

NIITEK, a Chemring company since 2008, is the world leader in the design, development and production of Counter-IED ground penetrating radar (GPR) systems. **NIITEK's** combat ready GPR systems are on the leading edge of mine detection technology and have been successfully used by US and Coalition forces worldwide. The scalable GPR systems are designed for roads and paths, can be adapted to a wide variety of vehicles, robotically controlled or hand-held. Current customers include the US Army and Marine Corps.

Chemring Detection Systems, Inc. (CDS) is a U.S. leader in chemical and biological threat detection and has an advanced capability in standoff explosives detection. Its industry-leading experience developing advanced sensors and detection systems for the U.S. military has enabled CDS to expand its capabilities to meet the demands of the homeland security market and international customers.

3d-Radar specializes in 3-dimensional, step-frequency radar technology and multi-channel antenna design. This technology enables users a faster, simpler means of IED, mine and UXO detection in military environments. It also can provide infrastructure analysis for civil applications.

For more information on Chemring North America, please call 571-405-6800, or visit www.chemringnorthamerica.com

THANK YOU TO OUR SPONSORS CONT.

EXPAL USA, INC.

Expal USA operates on 2 sites in the US. The headquarters are located on the 120-acre site in Marshall Texas where there is Load Assemble and Pack facility and a pyrotechnic manufacturing facility. The other site is located within Camp Minden (the ex Louisiana Army Ammunition Plant), where Expal USA operates a continuous energetics pilot plant based on twin-screw extruder technology for the manufacture of high viscosity explosives and other energetic materials that cannot be mixed by conventional methods and a explosives laboratory for explosives stability analysis and process quality control. Expal USA has started demilitarization activities at the Minden site and this is expected to increase substantially in the next year. Expal USA has a site safety plan approved by DCMA and DSS and has all the federal and state licenses required for operation and handling of explosives on both sites. Both sites are ISO 2001:2008 certified.

EXPAL USA is the US subsidiary of the renowned European defense company, EXPAL, which owns and operates 9 factories in Europe. Expal manages the entire lifecycle of ammunitions and explosives, from their design, development, manufacturing, until their destruction at the end of their working life and has products in service with the armed services of more than 40 countries. Expal not only manufactures complete weapon systems for Land, Sea and Air Forces but also manufactures the components for itself and other defense contractors, it manufactures gun propellants including their principle ingredients nitrocellulose and nitroglycerine, projectile bodies and body forgings including 60mm mortar, 155mm artillery shells and Mk 84 bombs. Expal also and fills its warheads by pressing, melt pour and cast cure and manufactures it's own artillery, mortar and aviation fuzes. Expal also has demilitarization facilities in Spain, Denmark, Bulgaria, Italy, Belarus and Brazil and recycles components for reuse in civil industry including explosives for public works, mining industry, hunting powders, etc.

Expal is the defense arm of Maxam, which has production facilities in more than 40 countries and employs over 6,000 in 140 companies. Since its formation in 1872 by Alfred Nobel it has developed into a leading industrial group for civil explosives and initiation systems for the mining, quarry and construction; hunting cartridges and gunpowder for sporting use and products for the defense industry.

GENERAL DYNAMICS - OTD

General Dynamics Ordnance and Tactical Systems manufactures large-, medium- and small-caliber direct and indirect-fire munitions; and is a leader in the development and production of lightweight tactical vehicles, weapons and armament systems. The company designs and produces shaped charge and penetrator warheads; and manufactures precision metal components for missiles, rockets and composite structures for the commercial, aerospace and defense markets. The company also produces propellants and non-lethal and force-protection products. More information about General Dynamics Ordnance and Tactical Systems is available online at www.gd-ots.com.

THANK YOU TO OUR SPONSORS CONT.

HERNON MANUFACTURING, INC.

Hernon Manufacturing, Inc., an ISO-9001: 2008 registered company, has long been a leader in adhesives and sealants for the ammunition industry. With nearly four decades of experience and the resources to deliver:

- Sealants for small caliber handgun, rifle and blank ammunition which exceeds Mil-Specs
- UV environmental sealing
- High speed, UV curing sealing machines for ammunition
- Improved ballistic accuracy
- Dispensing and curing components to retrofit current machines
- Custom R&D support for all your sealing and application needs
- All products and equipment made in the United States.

Custom military applications are the root of HERNON's existence. In addition to custom and standard dispensing and curing equipment, HERNON® produces and distributes an extensive line of sealants for military and commercial use. Several dozen are Mil-Spec qualified sealants.

HERNON® AMMUNITION SEALANTS:

- NEW! Liquid Buffer - Used in shotgun shells to control the shot and keep a tight, repeatable pattern distribution.
- NEW! Shot Shell Crimp Sealants - Featuring faster sealing times and superior water resistance.
- External Ammunition Sealant – Sealant wicks into the gap between bullet and cartridge, could increase bullet pull force up to 190 pounds. No profile change after outer waterproofing.
- Blank Ammunition Sealant – Single component, solvent free application with rapid ultraviolet or light cure. Brazilian military approval, Israeli military approval, and ATK positive results in testing.
- Explosive Charge Coating – Non-discoloring, high-performance, protective top finish with exceptional resistance to abrasion, hydrolysis, oxidative discoloration, impact, solvents, and staining.
- Internal Ammunition Sealant – Environmentally safe, Asphalt/Bitumen, water-based sealant formulated to waterproof and seal interface between a bullet and the cartridges of small, medium and large caliber ammunition. Provides a barrier coating on larger caliber shells to prevent reaction of cartridge and ignition powder.

HERNON® SEALANT DISPENSING SYSTEMS

- Ammunition Sealing System – Simultaneous/automatic dispensing and sealing of bullet primer and outer mouth cartridge. Volume dispensed by digital servo motor with an accuracy within +/- 0.5 microliter, via HERNON's Sureshot 3000.
- Autosealer 5500 Sealant Assembly System – Seals bullet and primer of fully assembled pistol, rifle and blank ammunition cartridges. System designed to dispense micro precision beads of HERNON® sealant onto each cartridge/bullet interface and onto each cartridge/primer interface. Custom UV curing bullet sealant dispensing system seals up to 200 rounds per minute.
- Autosealer 5250 – Shotgun ammunition sealing machine engineered to dispense primer on to shotgun ammunition. Utilizing HERNON's Sureshot 3500 Microjet Technology, the machine is capable of dispensing 6000 shots per minute of one microliter each. This precision, no contact, high speed dispensing is a result of the company's persistent commitment to quality and thorough testing.

THANK YOU TO OUR SPONSORS CONT.

HERNON Manufacturing, Inc is your total solution for high performance adhesives, sealants and precision dispensing equipment. HERNON Manufacturing, Inc. specializes in standard and custom ammunition sealing products and process equipment to meet your specifications and to reduce costs.

Contact a HERNON® representative to learn more about our products including outer waterproofing, identification, primer sealant, blank sealant, and our state-of-the-art UV LED curing systems that HERNON® has developed for large munitions producers.

407-322-4000, www.hernon.com

When accuracy matters, the world's leading ammunition manufacturers turn to HERNON®!

ORBITAL ATK

Orbital ATK combines the best of space pioneer Orbital Sciences with aerospace and defense leader ATK to create a bold new company. We specialize in the design, build and delivery of space, defense and aerospace-related systems for customers worldwide, both as a prime contractor and supplier. Our Defense Systems Group is an industry leader in precision weapons, tactical rocket motors, missile warning products, and ammunition and gun systems, serving America and our allies. The group is the largest U.S. producer of small caliber ammunition, as well as the leading manufacturer of medium and large caliber ammunition and gun systems. In addition, the group develops advanced capabilities for missile defense interceptors, fuzing and warheads, weaponized special mission aircraft and propulsion control systems. It also provides extensive experience and expertise in defense facility management, modernization and automation worldwide. Orbital ATK, The Partner You Can Count On™. www.OrbitalATK.com

ATTENDING THIS CONFERENCE PROVIDES:

**Insight and perspectives
on concerns and issues
affecting the munition
industrial base**

**Engagement with
government and industry
leadership dedicated to
shaping the future state of
the ammunition enterprise**

**The primary forum
to exchange ideas,
perspectives, and
expertise on ammunition
requirements, technology,
and programs**

**Networking contacts,
partnerships and
connections to government
and industry stakeholders**

**Industry awareness from
subject matter experts
that enhances professional
development and personal
growth**

MUNITIONS EXECUTIVE SUMMIT

This summit is intended to create a thoughtful and meaningful discourse on the critical factors that will shape the future munitions landscape. It brings together key practitioners, within the ammunition and ordnance fields, to work on effective solutions for the U.S. warfighter and our allies.

ABOUT THE NDIA MUNITIONS TECHNOLOGY DIVISION

The Mission of the Munitions Technology Division is to maintain an open exchange of technical information among government and industry programs and technical managers, and to identify changes and trends in policy, guidance, and organizational functions that impact the development, production, maintenance, and demilitarization of munitions. The Division is comprised of two sections: Fuze; Insensitive Munitions & Energetic Materials; and one advisory group, the Industrial Committee of Ammunition Producers (ICAP). The sections utilize periodic steering committee meetings and annual meetings to serve as forums where new concepts in products and processes are discussed.

CONFERENCE ATTIRE

Conference attire is business for civilians and uniform of the day for military. In addition, your identification badge, received upon conference check-in, must be worn at all times.

PROCEEDINGS WILL BE AVAILABLE FOR DOWNLOAD WITHIN 2 WEEKS OF THE
CONFERENCE AT:

www.dtic.mil/ndia/2015munitions/2015munitions.html