

MUNITIONS EXECUTIVE SUMMIT

February 2-4, 2011

RESPONSIVE MUNITIONS SUPPORT TO THE U.S. WARFIGHTER

Achieving Efficiencies in an Uncertain Budget Environment



Agenda

Sponsorship

**Speaker
Biographies**

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WEDNESDAY, FEBRUARY 2, 2011

4:00 PM - 6:00 PM **REGISTRATION OPENS**

5:00 PM - 6:00 PM **OPENING RECEPTION**

THURSDAY, FEBRUARY 3, 2011

7:00 AM **REGISTRATION OPENS**

7:00 AM - 8:00 AM **CONTINENTAL BREAKFAST**

8:00 AM - 8:15 AM **WELCOME / ADMINISTRATIVE REMARKS**

Mr. Tim Bagniefski

Munitions Division Chair

MG Barry Bates, USA (Ret)

VP, Operations, NDIA

8:15 AM - 8:30 AM **PEO-AMMUNITION, WELCOME & OPENING REMARKS**

BG Jonathan A. Maddux, USA

PEO-Ammunition

8:30 AM - 9:30 AM **US GOVERNMENT KEYNOTE ADDRESS**

LTG William Phillips, USA

ASA-ALT MILDEP

9:30 AM - 10:15 AM **INDUSTRY KEYNOTE ADDRESS**

Ms. Karen Davies

President, ATK Armament Systems

10:15 AM - 10:30 AM **BREAK**

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10:30 AM - 11:30 AM **OSD PERSPECTIVE**

Mr. Jose Gonzalez

OSD - Acquisition, Technology & Logistics

THURSDAY, FEBRUARY 3, 2011 (CONT)11:30 AM - 11:45 AM **2010 MES AWARDS**11:45 AM - 1:00 PM **LUNCH****Sponsored by General Dynamics OTS****GENERAL DYNAMICS**
Ordnance and Tactical Systems1:00 PM - 2:15 PM **AMMUNITION ENTERPRISE CROSS SERVICE PANEL****BG Jonathan A. Maddux, USA**

Program Executive Officer Ammunition

BG Gustave Perna, USA

Commanding General, Joint Munitions Command

BGen Francis Kelly Jr., USMC

Commander, Marine Corps System Command

Maj Gen Andrew Busch, USAFCommander, Ogden Air Logistics Center,
Air Force Materiel Command**RDML James McManamon, USN**Deputy Commander, Surface Warfare and Director,
Ordnance Safety, Naval Sea Systems Command**Mr. Barry Pike**

Deputy Program Executive Officer Missiles & Space

2:15 PM - 2:45 PM **DOD INDUSTRIAL POLICY****Mr. Brett Lambert**

Deputy Assistant Secretary of Defense for Industrial Policy, OSD, AT&L

2:45 PM - 3:00 PM **BREAK****Sponsored by L-3 Fuzing & Ordnance Systems****Fuzing & Ordnance Systems**3:00 PM - 4:15 PM **US ARMY MUNITIONS REQUIREMENTS****Mr. Don Chrans**

G-8

Mr. Steve Carr

G-4

Mr. Jeff Brooks

ASA-ALT Ammo DASC

COL Rick Mason, USA

G-3

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Ordnance and Tactical Systems**BAE SYSTEMS**

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THURSDAY, FEBRUARY 3, 2011 (CONT)

4:15 PM - 4:45 PM **TECHNOLOGY DEMANDS ON THE FUTURE INDUSTRIAL BASE**
Dr. Gerardo Melendez
ARDEC Technical Director

4:45 PM - 5:15 PM **ICAP REPORT**
Mr. Michael S. Wilson
President, General Dynamics-OTS

5:30 PM - 7:00 PM **HOSTED GRAND RECEPTION**
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FRIDAY, FEBRUARY 4, 2011

7:00 AM - 7:45 AM **CONTINENTAL BREAKFAST**

7:45 AM - 8:00 AM **ADMINISTRATIVE REMARKS**
Mr. Tim Bagniefski
Munitions Division Chair

8:00 AM - 8:45 AM **US MUNITIONS INDUSTRIAL COMPLEX –
READINESS AND RESOURCE ISSUES**
BG Gustave Perna, USA
Commanding General, Joint Munitions Command

FRIDAY, FEBRUARY 4, 2011 (CONT)

8:45 AM - 10:15 AM

PM ACQUISITION PANEL

Mr. Jim Shields

Chair, DPEO Ammunition

COL Jeff Wilson, USA

PD Joint Services

COL Scott Turner, USA

PM Combat Ammunition Systems

COL Steven Cummings, USA

PM Close Combat Systems

COL Danny Wiley, USA

PM Maneuver Ammunition Systems

Col Victor Rodriguez, USAF

PD Joint Products

10:15 AM - 10:30 AM

BREAK

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KAMAN
PRECISION PRODUCTS
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10:30 AM - 11:10 AM

WARFIGHTER PERSPECTIVE

TBD

11:10 AM - 11:45 AM

CONGRESSIONAL BUDGET PERSPECTIVE

Mr. Dick Ladd

CEO, Robison International

11:45 AM

CLOSING REMARKS

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GENERAL DYNAMICS
Ordnance and Tactical Systems



BAE SYSTEMS



ATK is a premier aerospace and defense company with approximately \$4.8 billion in annual sales and operations in 24 states and internationally. We bring non-traditional approaches to the market, with speed and innovation. ATK has signature expertise in delivering timely, advanced and affordable capabilities with reliable performance – in many cases economically upgrading current inventories with force multiplier affect.

ATK continues to expand its business as a leading provider of enhanced lethality and survivability solutions with core competencies in facility and supply chain management; small-medium and large-caliber ammunition design and manufacture; medium-caliber gun system design and manufacture; precision weapons technology; and advanced propellant and energetics production.

ATK focuses its unique suite of advanced engineering, manufacturing, and management capabilities to enhance the effectiveness of a diverse range of existing products and platforms and develop cost-effective, new solutions for its customers.

Additional ATK news and information can be found at www.atk.com. ATK is affordable innovation...delivered.

BAE SYSTEMS

BAE Systems Support Solutions provides a range of services to meet needs in readiness and sustainment and operational support across the land, aviation, maritime, and C4ISR domains, supporting the U.S. Department of Defense and federal agencies. Support Solutions is also a leading non-nuclear ship repair, modernization, and conversion company, serving the U.S. Navy and other maritime customers.

BAE Systems is a global defense, security and aerospace company with approximately 107,000 employees worldwide. The Company delivers a full range of products and services for air, land and naval forces, as well as advanced electronics, security, information technology solutions and customer support services. In 2009 BAE Systems reported sales of \$ 36.2 billion.



DSE is a prime contractor for one of the world's largest 40mm ammunition contracts, producing more than six million 40mm rounds each year. DSE has manufactured fuzes and components for 40mm ammunition since 1979. DSE manages the complete production process of 40mm rounds as a prime contractor for the U.S. Military since 2005.

Our commitment to building strong client relationships is the cornerstone of our success. We deliver the finest products and services to our customers. We accomplish our mission by promoting a dynamic culture of teamwork, corporate and social responsibility, ethics, innovative technology and continuous improvement.

DSE's manufacturing and quality control systems are ISO 9000:2008 certified. All manufacturing and quality control processes of DSE and its suppliers have been approved by the U.S. Government. Features considered critical to the safety of the warfighter are inspected on every round produced. Samples from every production lot are tested per Military Specifications and must meet exact requirements ensuring reliable performance and safety of each round.

GENERAL DYNAMICS Ordnance and Tactical Systems

General Dynamics Ordnance and Tactical Systems, a business unit of General Dynamics, is a world leader in the manufacture of large, medium- and small-caliber direct and indirect-fire munitions, mortar weapon systems and components, artillery projectiles, as well as hybrid, extruded and Ball Powder® propellants. The company also manufactures precision metal components for missiles, rockets and bombs; provides explosive load, assembly and pack services for a variety of munitions, tactical missile and rocket programs; and designs and produces shaped charge and penetrator warheads. More information about General Dynamics Ordnance and Tactical Systems is available online at www.gd-ots.com.



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- Precision forging systems for medium and large caliber cases and projectiles
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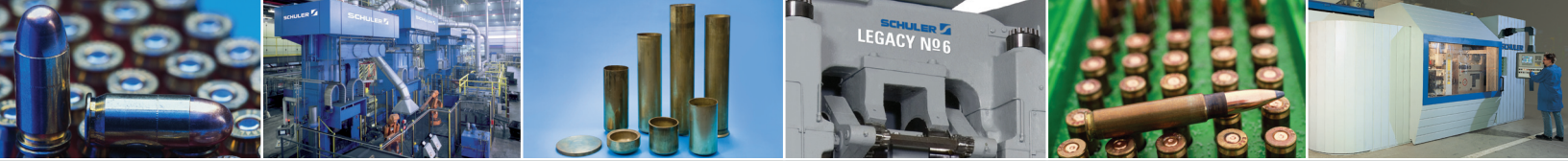
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Mr. Tim Bagniefski

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., 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 headquarters in St. Petersburg, Florida.

MG Barry Bates, USA (Ret)

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.

Previous positions held include Commander, Army and Air Force Exchange Service, Dallas, Texas; G4, Eighth U.S. Army / J4, U.S. Forces Korea / Deputy C4, Combined Forces Command (ROK/US), Republic of Korea; and Vice Commander, Army and Air Force Exchange Service, Dallas, Texas.

During his 32 years of military experience, General Bates has held a variety of command and staff positions in both the continental United States and overseas, serving multiple tours of duty in a joint command environment. He has held both command and staff positions in supply, maintenance and field services organizations, and in the Army's Training and Doctrine Command.

Mr. Jeffrey Brooks

Mr. Jeffrey Brooks has a B.S. from the U.S. Military Academy and an M.S. in aerospace engineering from the U.S. Air Force Institute of Technology. Brooks is Level III certified in program management and test and evaluation and is an Army Acquisition Corps member. His military education includes the Field Artillery Officer Basic and Advanced Courses, Armor Officer Advanced Course, U.S. Army Command and General Staff College and Defense Systems Management College.

Maj. Gen. Andrew Busch

Maj. Gen. Andrew E. Busch is Commander, Ogden Air Logistics Center, Hill Air Force Base, Utah. The center provides worldwide logistics management, engineering, supply, contracting and depot maintenance for a wide variety of aircraft and munitions related platforms. He is responsible for four wings: the 75th Air Base Wing, 84th Combat Sustainment Wing, 309th Maintenance Wing and the 508th Aerospace Sustainment Wing. General Busch earned his commission in 1979 as a graduate of the U.S. Air Force Academy, Colorado Springs, Colo. He is a logistician with a core background in fighter aircraft maintenance. As an aircraft maintenance officer, he served in a variety of sortie production roles and commanded three maintenance squadrons. He also has experience in supply, transportation and acquisition issues at the wholesale logistics level. Prior to his current position, he was Commander, Defense Supply Center Richmond, Richmond, Va., a field activity of the Defense Logistics Agency. General Busch is Level III certified in life cycle logistics and Level II certified in program management. He is a designated Joint Qualified Officer.

Mr. Stephen Carr

Mr. Stephen Carr is currently serving on the staff of the Headquarter Department of the Army, Office of the Deputy Chief of Staff, G-4, Munitions Division, a position he has held since 22 April 2001. In his current position, he manages the programming and budgeting for the Army's Ammunition Readiness Program. These programs support the Army's mission as the Single Manager for Conventional Ammunition, ammunition maintenance, transportation, toxic chemical munitions storage and demilitarization of conventional ammunition.

Mr. Carr came to the Headquarters Staff from Headquarters, U.S. Army Forces Command, Ft. McPherson, Georgia, where he served as the FORSCOM, G-4, Ammunition Manager. He provided command oversight for 19 ammunition Supply Points, managed unit ammunition basic load requirements, developed ammunition logistics policy for subordinate units, served as the Command Career Program Manager for AMCP33, and operated the FORSCOM Class V Material Management Center.

Mr Carr entered the government service as an enlisted Soldier in January of 1973. During his 20 years of active duty he served in the Infantry, Nuclear Weapons Storage, Explosive Ordnance Disposal and Conventional Ammunition Storage. He is a veteran of Operation Desert Storm where he served as the Ammunition Storage Officer for the 8th Ordnance Company. In January of 1993, Mr. Carr Retired from the U.S. Army as a Chief Warrant Officer.

In February of 1993 he continued his service to the U.S. Army as a Civil Servant. In May of 1996, Mr. Carr was accepted into the Ammunition Management Career Program. His assignments as a civilian include Ammunition Accountable Officer, Installation

Ammunition Manager, and United States Army Forces Command Ammunition Logistics Manager.

His military awards include the Bronze Star, Meritorious Service Award (with oakleaf cluster), Navy Achievement Award, Parachutist Badge, and the Senior Explosive Ordnance Disposal Badge. His civilian awards include the Superior Civilian Service Award and the Commander's Award for Civilian Service. In 2006, Mr Carr was selected as the Ammunition Management Career Program's Senior Ammunition Manager of the Year.

Mr. Don Chrans

Mr. Don Chrans is Chief, Munitions Division, G-8 – Force Development. His assignments include Senior Program Analyst, Munitions Division, Deputy Chief of Staff for Programs, G-8, Headquarters Department of the Army, Military Assistant to the Assistant Secretary of the Army, Installations and Environment, Headquarters Department of the Army, Senior Logistics Planner, 19th Theater Support Command, Ordnance Organizational Integrator, Deputy Chief of Staff for Operations G-3, Commander, Slovonski Brod Base Camp, Croatia, Commander, Maintenance Troop, 3rd Armored Cavalry Regiment, Secretary of the General Staff and Maintenance Officer, Army Materiel Command – Europe, Commander, Headquarters and Light Maintenance Company and MATO, 725th Main Support Battalion, 25th Infantry Division, Aide-de-Camp, Commanding General, US Army Ordnance Center and School. His awards and decorations Legion of merit, Meritorious Service Medal (5 OLC), Army Commendation Medal (3 OLC), Army Achievement Medal, Armed Forces Expeditionary Medal, NATO Medal, Overseas Service Ribbon (4)

Ms. Karen Davies

Karen Davies is Senior Vice President and President, ATK Armament Systems, for Alliant Techsystems (ATK), a premier aerospace and defense company with more than 18,000 employees and revenue of approximately \$4.8 billion.

Karen was named to her current position in 2010. ATK Armament Systems has core competencies in efficient, high-rate manufacturing; energetics processing; integrated weapon systems; gun-launched, guided weapons; global supply chain management; and facility management.

Karen previously served for eight years as Vice President and General Manager for ATK Small Caliber Systems at the Lake City Army Ammunition Plant. During her tenure, she tripled ammunition production and engaged the company in the supply of non-standard weapons and ammunition, and also implemented the U.S. Army's modernization program.

A 30-year veteran of ATK, Karen has a strong background in program management and operations. She has held key leadership posts in material management, strategic planning, and business and contracts management. Previous positions include Vice President, Strategic Programs for ATK's Aerospace Group and Vice President, Information Technology/Chief Information Officer for ATK.

Mr. Jose Gonzalez

Mr. Jose Gonzalez is currently serving as Acting Deputy Director, Land Warfare and Munitions within the Office of the Under Secretary of Defense (Acquisition, Technology and Logistics), where he provides policy and oversight of the DoD's land warfare and munitions portfolio. Mr. Gonzalez became permanently employed with the Office of the Secretary of Defense (OSD) in 2001. He has taken on a wide variety of 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 has worked for the Department of Defense since 1985. He 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 Weapon Direction System. In 1989, he entered Federal government service at the U.S. Navy's Research & Development laboratory, Naval Surface Warfare Center, Dahlgren, VA. While at the laboratory, 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.

BGen Francis Kelley Jr.

Brigadier General Kelley, a native of Philadelphia, Pa., graduated from the University of Notre Dame in 1983 with a degree in Aerospace Engineering and was the recipient of the Naval ROTC Donald R. Bertling Award. Upon completion of Officer Candidate School (OCS), he was commissioned a Second Lieutenant in the United States Marine Corps.

In February 1984 he completed The Basic School and received orders to Pensacola, Fla., for flight training. He then proceeded to the 453rd Flight Training Squadron (FTS) at Mather Air Force Base, Calif., for electronic warfare training where he was a distinguished graduate and the recipient of the Colonel Mike Gilroy Award for leadership and training excellence.

After completing EA-6B Prowler training at Whidbey Island, Wash., Brigadier General Kelley reported to Marine Tactical Electronic Warfare Squadron 2 (VMAQ-2), where he participated in the Unit Deployment Program, in addition to Operations Desert Shield and Desert Storm as the Contingency Plans and Tactics Officer.

He received orders to Air Test and Evaluation Squadron (AIRTEVRON) FIVE (VX-5), where he was the Electronic Warfare Branch Head. He then reported to Naval Air Systems Command (NAVAIRSYSCOM) as the Avionics Systems Project Officer (ASPO) for the EA-6B.

He reported to the Pentagon as an action officer to the Deputy Assistant Secretary of the Navy(DASN) for Expeditionary Forces Program.

In August 2007 Brigadier General Kelley was assigned to the position of MCSC's Program Manager for Training Systems (PM TRASYS) in Orlando, Fla. In August 2009 Brigadier General Kelley was reassigned as MCSC's Chief of Staff and became Commander in July 2010.

Mr. Dick Ladd

Richard Ladd became Chairman of Robison International, Inc., a Washington, D.C. -based defense consulting firm in 2007. Present and former clients include major domestic and international defense contractors plus several smaller, focused high technology firms. Prior to becoming Chairman, Dick served as President for 15 years and Vice President of Robison International for three years following nearly six years experience on the professional staff of the Senate Appropriations Subcommittee on Defense and as a Deputy Under Secretary of the Army. While on the Senate staff, he was responsible for the procurement budget and related policy matters.

Dick is also a retired Army officer with background in logistics, systems analysis and program management.

Mr. Brett Lambert

Brett B. Lambert joined the US Department of Defense (DoD) in 2009 as Deputy Assistant Secretary of Defense for Industrial Policy in the Office of the Under Secretary of Defense (Acquisition, Technology and Logistics) (OUSD (AT&L)). Mr. Lambert serves as the principal advisor to the USD (AT&L) on all matters relating to the defense industrial base, including industrial capabilities and assessments; defense industry mergers, acquisitions and consolidation; preservation of essential industries and technologies; and other related matters.

Prior to joining the DoD, Mr. Lambert was a Managing Director for the Civitas Group. In this role he provided strategic advisory services for companies operating in the intelligence, homeland defense, and national security sectors. From 1989 until 2007, Mr. Lambert held positions of increasing responsibility at DFI International, a national security consultancy he built with the founder. Mr. Lambert assisted in the sale of DFI 2007.

At the conclusion of his tenure with DFI, Mr. Lambert held the titles of Executive Vice President of DFI International and Managing Director of DFI Investment Partners. He was also the company's Ethics Officer and served as a member of the Board of Directors. Mr. Lambert specialized in technology assessments, strategic planning, and market analyses for defense, intelligence, and space companies. His engagements assisted client's identification and quantification of new or evolving markets, described the political and business environments in which they operated, and provided execution guidance to ensure the implementation of successful ventures. Mr. Lambert also worked closely with a number of leading venture funds, merchant banks, and private equity firms in support of their national security portfolio companies.

While with DFI, Mr. Lambert also led the company's work with first-tier defense firms, financial institutions, and private equity organizations in merger and acquisition market advisory services. Throughout his time with DFI, Mr. Lambert was engaged in scores of acquisitions, international joint ventures, offset arrangements, and foreign equity investments representing a wide variety of both buyers and sellers in the national security space.

BG Jonathan Maddux

As Program Executive Officer Ammunition, Brigadier General Jonathan A. Maddux leads the mission to develop and procure conventional and leap-ahead munitions to increase combat power for the Warfighter. BG Maddux's previous acquisition assignments include: Chief of Staff, Office of the Assistant Secretary of the Army Acquisition, Logistics & Technology (ASA(ALT)); Project Manager Network Systems Integration, Future Combat Systems; Product Manager Combat Identification; Executive Officer, ASA(ALT); Deputy for System Management; Joint Surveillance and Target Attack Radar System and Land Warrior; Department of the Army System Coordinator; and Communications Director, Army Space Program Office.

BG Maddux's command and staff assignments include Squad Leader, 82nd Airborne Division Military Police Company; Platoon Leader, 24th Signal Battalion; Aide-de-Camp for the Commander, Information Systems Engineering Command; Communication and Electronic staff officer, 2nd Battalion, 5th Field Artillery, 1st Infantry Division (Forward); Company Commander, 38th Signal Battalion, 56th Field Artillery Command (Pershing II); Platoon Trainer, 4th Battalion, Ranger Training Brigade; and Commander, Signal Detachment, 75th Ranger Regiment.

BG Maddux holds two baccalaureate and three master degrees culminating in a Masters in Telecommunications from the University of Colorado (Boulder). His military education includes Signal Officer Basic and Advanced Courses, Project Management Course, Defense Systems Management College, Army Command and General Staff College, and the Army War College.

His awards include the Legion of Merit (2 OLC), Meritorious Service Medal (3 OLC), Army Commendation Medal (5 OLC), Army Achievement Medal (1 OLC), Southwest Asia Service Medal, Kuwait Liberation Medal, Good Conduct Medal, Master Parachutist Badge, Korean and French Parachutist Badge, Air Assault Badge, Army Staff Identification Badge and the coveted Black and Gold Ranger Tab.

COL Rick Mason

Colonel Rick Mason is currently serving as Chief of the Army Munitions Management Division for the Army Deputy Chief of Staff for Operations (G-3). His current responsibilities include Army staff integrator for munitions management, munitions operational readiness and development of the Army's total munitions requirements.

Previous key assignments include Commander, Blue Grass Army Depot from June 2005 until July 2008, where he commanded over 1,500 personnel providing depot and operational level conventional munitions and chemical defense equipment support to the Department of Defense; Chief of Support for the Multinational Force and Observers (MFO) responsible for the planning and execution of logistics support for an 11-nation, 2,500-strong military and civilian force operating in the Sinai, Egypt under the Camp David Peace Accords; He concurrently served as Deputy Commander for the U.S. Task Force Sinai, a brigade-size command consisting of two battalions and a headquarters element; and Commander of the 191st Ordnance Battalion and Miesau Army Ammunition Depot in Germany which provided munitions, parachute rigging, explosive ordnance disposal, cargo transfer and deployment support for all Army units in Europe.

Other assignments include Department of the Army staff officer (G4 - Logistics) responsible for various munitions management policies and critical munitions support planning for Operation Iraqi Freedom, Logistics Plans Officer for the Allied Command Europe Rapid Reaction Corps where he participated in Bosnia and Kosovo operations, Chief of the Brigade Materiel Management Center and Support Operations Officer for the 194th Separate Armored Brigade at Fort Knox, Kentucky; Commander of the 60th Ordnance Company in Germany; the G4 Missile and Munitions staff officer for both V Corps in Germany and I Corps at Fort Lewis, Washington; Ammunition Supply Point Control Officer at Fort Lewis; and as a Munitions Materiel Management Officer at McAlester Army Ammunition Plant, Oklahoma.

RDML James McManamon

A native of Chicago, Rear Admiral Jim McManamon, graduated in 1980 from Northwestern University. He was a member of the NROTC Unit and was commissioned an ensign in the United States Navy in June 1980.

McManamon's sea tours include USS Dahlgren (DDG 43); operations officer, USS Hawes (FFG 53); operations officer, USS MAHAN (DDG 42); executive officer, USS Vincennes (CG 49) and commanding officer, USS Milius (DDG 69). Milius was awarded the Battle E, Surface Ship Safety Award and the Meritorious Unit Commendation during his tour.

His shore tours include the NROTC Unit, University of South Carolina, Columbia, S.C.; the staff of the Chief of Naval Operations, (OP-75), and (N865); Afloat Training Group, Pacific; program executive office Theater Surface Combatants (PEO TSC) as chief staff officer/executive assistant. He was then assigned as PMS 400F, deputy for Fleet and upon the PEO/NAVSEA re-organization, the program manager for surface combatants in PEO Ships. Then he was assigned as naval aide and executive assistant to the Assistant Secretary of the Navy - Research, Development and Acquisition (ASN RDA). His first job as a flag officer was deputy commander for Warfare Systems Engineering, SEA-06, Naval Sea Systems Command. He is now serving as the deputy commander, Surface Warfare (SEA 21) at Naval Sea Systems Command. McManamon serves as the lead of the Future Readiness Team for the Surface Warfare Enterprise. He also serves on the SWE Board; as a member of the SWE Executive Committee and as the executive secretary for Distance Support Governance Board. Rear Admiral McManamon is also assigned as the Director, Ordnance Safety, SEA 00V.

McManamon's personal decorations include the Legion of Merit (with gold star), Meritorious Service Medal (with two gold stars), the Navy Commendation Medal (with two gold stars), Navy Achievement Medal (with two gold stars) and various service awards

Dr. Gerardo Melendez

Dr. Gerardo J. Melendez was appointed into the Senior Executive Service in February 2005. Since June 2010, Dr. Melendez is serving as the Director for Armaments Research, Development and Engineering Center (ARDEC). He is responsible for management of over 3,600 people, for direction of Armaments programs and for effective functioning of the Center. He is accountable for the progressive research of technology, the development of future systems concepts, the effective engineering development, and the phase-in to production of materiel which is reliable, maintainable, and producible at a cost commensurate with performance. Dr. Melendez assures that systems evaluation and armaments concepts are effectively provided at all phases of the research, development, engineering and production processes.

Dr. Melendez previously served as the Director of the Command and Control Directorate within the Communications-Electronics Research, Development and Engineering Center (CERDEC). He was responsible for the research and development of technology, capabilities and systems in the areas of advanced battle command, portable and mobile power, environmental control, and navigation for the US Army. He was also responsible for the quick-reaction integration of C4ISR systems into prototype military platforms.

Dr. Melendez also served as the Deputy Project Manager for the Future Combat System Network Systems' Integration. He joined the then nascent Project Management Office in July 2002, where he grew a group of 5 employees into a 140-person organization responsible for the development, integration and fielding of the communications, computers, command, control, intelligence, surveillance, reconnaissance, and middleware capabilities for the Army future forces.

In 1983 Dr. Melendez joined the US Army Communications and Electronics Command as an electronics engineer to conduct research in the area of digital signal processing for target identification and data fusion. Because of his contributions in those fields he received several awards, including the RDEC's Director Award for Technical Excellence in 1989. Dr. Melendez was awarded a DA Fellowship in 1987, which allowed him to initiate doctoral studies in electrical engineering at Drexel University. In 1994 Dr. Melendez became

the Chief of the Automatic Target Recognition Team for Product Manager Tactical Endurance Synthetic Aperture Radar (TESAR) with responsibility for the development of target recognition algorithms for synthetic aperture radar. In 1996 he joined the US Army Project Manager for Combat Identification to lead the execution of the Army and OSD flagship research and development programs in combat identification, which included the Joint Combat Identification Advanced Concepts Technology Demonstration. In 1996 he became the Chief of the Battlespace Identification Branch and assumed responsibility for research and development of all target identification mission areas for the Army. He was awarded the CECOM Leader of the Year Award in 1998 and the Commander's Civilian Service Award for his leadership and accomplishments in the Combat ID arena. In 1999 Dr. Melendez became the Chief Engineer for the Electronic Combat Division with responsibility for the technical and programmatic aspects of the research and development of protection and survivability systems for US Army platforms. In 2001 he was assigned to build and lead the Combat Identification Special Projects Office at the Directorate level.

BG Gustave Perna

Brigadier General Gustave F. Perna assumed command of Joint Munitions & Lethality Life Cycle Management Command and Joint Munitions Command on November 16, 2010.

As an Infantry Officer, Brigadier General Perna served in the 1st Battalion, 27th Infantry as a Rifle Platoon Leader, Rifle Company Executive Officer and Battalion S4 at Schofield Barracks, Hawaii. He then transferred to the Ordnance Corps and served as the Wheel Vehicle Branch and Division Chief, commanded B Company, 143d Ordnance Battalion, and served as Aide de Camp to the Chief of the Ordnance Corps, Aberdeen Proving Ground, Maryland.

Brigadier General Perna's next assignment led him to the 13th Corps Support Command, Fort Hood, Texas where he deployed immediately to Somalia as a staff member of the Joint Task Force Support Command. Upon return to Fort Hood, he was assigned to the COSCOM G4 staff as the Maintenance Officer and completed his tour serving as the 544th Maintenance Battalion Support Operations Officer and Battalion Executive Officer. Brigadier General Perna returned to overseas duty in Saudi Arabia as the Eastern Region Logistics Advisor.

Upon his second return to Fort Hood, he was assigned to the 1st Cavalry Division as the DISCOM Executive Officer and later the Division G4 while the unit deployed to Bosnia. Brigadier General Perna completed that tour as the Deputy Commanding Officer for the 64th Corps Support Group.

Brigadier General Perna then commanded the 64th Forward Support Battalion, 3rd Brigade, 4th Infantry Division at Fort Carson, Colorado; he deployed the battalion to combat operations during OIF I. Following battalion command, he served as the Ordnance Branch Chief, Human Resources Command. Brigadier General Perna then served as the Commander of the 4th Sustainment Brigade; he deployed the brigade to combat operations during OIF 05-07.

Following Brigade Command, Brigadier General Perna served as the Executive Officer to the Director of DLA, Fort Belvoir, Virginia. In this capacity, he directly supported the Director's mission of providing the Army, Navy, Air Force, Marine Corps and other federal agencies with logistics, acquisitions and technical services support.

Brigadier General Perna then assumed command of the Defense Supply Center Philadelphia, Defense Logistics Agency. DSCP annually bought over \$14.5 billion worth of food, clothing, textiles, medicines, medical supplies, construction and equipment items for America's warfighters and other customers worldwide.

Brigadier General Perna completed his third tour in Iraq as the Director of Logistics, J4, for United States Forces-Iraq. He was responsible for sustainment plans, policies, and procedures for strategic, operational and tactical logistics support and services to sustain over 190K coalition, joint forces and civilians.

LTG William Phillips

LTG William N. (Bill) Phillips became the Principal Military Deputy to the Assistant Secretary of the Army (Acquisition Logistics and Technology) and Director, Acquisition Career Management on 1 February 2010. In his previous assignment, he was the Commanding General, Joint Contracting Command-Iraq/Afghanistan in Baghdad, Iraq from February 2009 to January 2010. Prior to that assignment, LTG Phillips served as Commanding General, Picatinny Arsenal, New Jersey; Program Executive Officer Ammunition; and Commander, Joint Munitions and Lethality Life Cycle Management Command from May 2007 to January 2009. He also served as Deputy Program Executive Officer, Aviation, Redstone Arsenal, Alabama.

Commissioned a Second Lieutenant of Field Artillery on 28 May 1976, LTG Phillips entered Active Duty at Fort Sill, Oklahoma serving with 3rd Battalion, 18th Field Artillery. In 1979, he completed Rotary Wing Aviation Training at Fort Rucker, Alabama and was assigned to 25th Infantry Division, Schofield Barracks, Hawaii. He was later assigned to United States Army Aviation Center, Fort Rucker joining the Aviation Branch. In 1986, LTG Phillips completed a Training With Industry tour with McDonnell Douglas Helicopter Company in Mesa, Arizona and was assigned to Army Aviation Systems Command as the Contracting Officer for AH-64 Apache, AH-1, UH-1 aircraft, and Assistant Program Manager for Longbow Apache. He deployed as Chief of Contracting, Joint Task Force Bravo, Honduras. In 1991 he was assigned as Aviation Brigade S1, 2nd Infantry Division, Korea. In 1992, LTG Phillips was assigned as Chief of Flight Operations, Defense Plant Representative Office (DPRO), Boeing Helicopters, Philadelphia. From July 1994 to June 1996, he commanded DPRO McDonnell Douglas, Huntington Beach. In June 1997, LTG Phillips was assigned as Director for Information Management for the Assistant Secretary of the Army (Research, Development and Acquisition) and managed the Army's Procurement Information Systems. He commanded Defense Contract Management San Francisco from September 1999 to June 2001. From July 2001 to August 2004 he served as Director, Unit Set Fielding and Acting Director of Integration for the Army G-8.

Mr. Barry Pike

Mr. Barry J. Pike assumed duties as the Chief of Staff of the U.S. Army Program Executive Office for Missiles and Space (PEO MS) in January 2005. In this position, he leads the PEO staff and assists the PEO in managing the development, integration, testing, production, fielding, and sustainment of assigned systems. The systems include PATRIOT, MEADS, JTAGS, JLENS, SLAMRAAM, Sentinel, Stinger, Avenger, Integrated Air and Missile Defense, GMLRS, ATACMS, HIMARS, NLOS-LS, PAM, JAGM, Hellfire, Hydra, Javelin, TOW, and ITAS.

Mr. Pike has over 24 years of Army acquisition experience in national missile defense (NMD), theater air and missile defense, anti-satellite (ASAT), and tactical missile systems. He began his government career in 1985 as a systems engineer with the U.S. Army Ballistic Missile Defense Systems Command, now the U.S. Army Space and Missile Defense Command (SMDC).

In 1988 while assigned to SMDC, Mr. Pike led the Army's ASAT Initiative and was assigned as the Army focal point for ASAT management. He led the program through the Milestone 0 and Milestone I Defense Acquisition Board (DAB) Reviews resulting in the initiation of the ACAT 1D Kinetic Energy ASAT (KE ASAT) program and the establishment of the KE ASAT Joint Program Office (JPO) led by BG Morgan Jellett. In the KE ASAT JPO, Mr. Pike led various systems engineering teams.

In 1991, Mr. Pike was selected for a prestigious one-year developmental assignment in the Office of the Under Secretary of Defense for Acquisition at the Pentagon. As an OSD Staff Specialist, he led the THAAD Milestone I DAB coordination efforts across the Services, Joint Staff, and OSD Staff. After returning to Huntsville, Mr. Pike served in various leadership positions in the Army NMD Program Office from 1992 through 1999 including the Deputy Program Manager (DPM), Chief of the Program Acquisition and Management Division, and Chief of the System Engineering and Analysis Branch. In the DPM position, he shared responsibility with the SES Program Manager in directing the development, testing, integration, and deployment planning of the ground-based NMD elements including the ground based interceptor, ground-based radar, and associated battle management/command, control, and communications.

Mr. Jim Shields

Mr. James Shields became the Deputy Program Executive Officer for Ammunition in November 2009. 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 an FY10 operating budget of \$3.9 billion, the PEO manages conventional ammunition for all our armed services and certain allied partners and equips Soldiers with mortars, countermine and counter IED systems. Mr. Shields is a member of the Senior Executive Service, Army Acquisition Corps and is certified at the highest level in Program Management.

Prior to his assignment as the DPEO Ammunition, Mr. Shields was the Joint Program Manager for the Lightweight 155mm Howitzer (LW155). From Apr 05 – Nov 09 he was responsible for the development, production, fielding and sustainment of the newest artillery system in service with both the Army and Marine Corps. The LW155 incorporates several firsts for towed artillery; all of the major structures are fabricated from high strength titanium alloy enabling a 40% weight reduction, it incorporates a state-of-the-art digital fire control system for improved accuracy and responsiveness, and it has fully integrated the hardware and software necessary to program and fire the latest generation of 155mm precision munitions in service with the Army. In addition to the LW155 Mr. Shields was responsible for the life cycle management of other towed artillery systems to include the M119A2, M198, the M111 Improved Position and Azimuth Determining System. Mr. Shields led the effort to restart production of the M119A2 after being out of production for more than 10 years, successfully ramped up deliveries to support the Army's urgent equipping needs and initiated a program to incorporate digital fire control.

Prior to his work as both the Joint Program Manager and Deputy Program Manager for the LW155 program Mr. Shields was the Chief of the Systems Engineering Division for the Army's Crusader self-propelled artillery system. From Aug 97 – Dec 99 he was responsible for managing, directing, controlling and evaluating all aspects of systems engineering and systems integration activities for the ACAT 1D program. He also served as the Acting Product Manager, Deputy Product Manager and the Lead Armaments Engineer on the Crusader Firepower and Resupply Integrated Product Development Team. His responsibilities included the development of a wide range of technologies being developed for the Crusader system (e.g. laser ignition, advanced cannon, propellant and fuze design, ammunition handling, composite structures, thermal management, etc...).

Prior to his work on Crusader, Mr. Shields was a team leader on the Wide Area Mine (WAM) and a mechanical systems specialist in the International Programs Office for the Autonomous Precision Guided Munitions (APGM) where he was responsible for directing the warhead and airframe development efforts. Mr. Shields helped develop an improved warhead for the M712 Copperhead precision munition and was the project engineer on an in-house effort which demonstrated improved performance against advanced armors.

COL Scott Turner

Colonel Turner was born on March 5, 1964 in Gainesville, Florida. In 1986, he received his Regular Army commission as a Second Lieutenant in the Field Artillery, graduating with a Bachelor of Science degree in Biology from Florida Southern College in Lakeland, Florida. In 2009, Colonel Turner received a Master of Science degree in National Resource Strategy from the Industrial College of the Armed Forces at Fort Lesley J. McNair. Additionally, Colonel Turner is a graduate of the Field Artillery 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 Turner's most recent acquisition assignment was as Deputy Director, FCS Program Integration, Office of the Assistant Secretary of the Army for Acquisition, Logistics, and Technology from July 2007 to July 2008. From September 2004 to July 2007, he

served as Product Manager, FBCB2-Blue Force Tracking. From January to August 2004, Colonel Turner served as a Department of the Army Systems Coordinator for FCS Unmanned and Complementary Systems. From September 2002 to January 2004, he served as Resource Integration Officer, Objective Force Task Force. From July 2000 to July 2002, he served as Assistant Project Manager, Crusader Systems Engineering & Integration. From July 1999 to July 2000, he served as Deputy Chief, TACOM Saudi Infantry Corps Modernization Office in Riyadh, Kingdom of Saudi Arabia. Colonel Turner's initial acquisition assignment was as Field Artillery Technology Manager at ARL from February 1997 to June 1998. Additionally, from April 1991 to December 1994, Colonel Turner served as 4th Division Artillery S3 Operations Duty Officer, Emergency Action Manager, Counter Fire Officer, and finally as Commander, A Battery, 26th Field Artillery (Target Acquisition). He also served as Special Weapons Field Storage Site Platoon Leader, COMSEC Custodian, and Emergency Action Manager while assigned to the 36th USAFAD, Hemau, West Germany, from July 1987 to September 1990.

Colonel Turner is a graduate of the Combined Arms and Services Staff School and Command & General Staff College. Colonel Turner's awards include the Meritorious Service Medal (6th Oak Leaf), Army Commendation Medal (2nd Oak Leaf), Army Achievement Medal (2nd Oak Leaf), National Defense Service Medal (Oak Leaf), and the Overseas Service Ribbon (Two Tours). He is authorized to wear the Parachutist Badge.

COL Danny Wiley

In 1987 COL Danny A. Wiley graduated from Appalachian State University in Boone, North Carolina with a Bachelor of Science Degree in Information Systems and was commissioned into the regular army. He has earned a Masters in Computer Science at the Naval Post Graduate School and a Masters in Strategic Studies at the U.S. Army War College. His military education includes the Air Defense Officer Basic and Advanced Courses, the United States Army Combined Armed Service Staff School, the United States Army Command and General Staff College, the Defense Acquisition University (DAU) for Level 3 Program Management, Communications/Computer Systems, the DAU Program Managers course and the U.S. Army War College.

Prior to this assignment, COL Wiley spent 13 years in a variety of troop leading and staff assignments. Initially he served as a Chaparral and STINGER Platoon Leader, and then as Aide de Camp during Operation Desert Storm, with the 1st Armored Division. He later commanded an Air Defense Battery in the 4th Infantry Division at Fort Carson, CO. Following his educational assignment at Naval Post Graduate School, he returned to Europe in 1996 to serve on the J6 Communications Staff and J3 Operations Staff at the US European Command in Stuttgart, Germany. Subsequently, COL Wiley attended the Command and General Staff College from 1999-2000, and was assigned to the Acquisition Corps, and served from 2000-2003 as an Assistant Product Manager for the Battle Manager and Missile Products in the Terminal High Altitude Area Defense (THAAD) program, PEO Missiles and Space. From 2003-2005, COL Wiley served as an Associate Professor for the Army Logistics Management College. From 2005-2008, COL Wiley served as the Product Manager for Air and Missile Defense Command and Control Systems, PEO Command Control Communications Tactical. From 2008-2009, COL Wiley served as the executive officer to the Deputy for Acquisition and Systems Management for the Assistant Secretary of the Army for Acquisition, Logistics and Technology (ASA(ALT)) at the Pentagon.

COL Wiley's awards and decorations include the Legion of Merit, Bronze Star Medal, two Defense Meritorious Service Medals, two Army Meritorious Service Medals, the Army Commendation Medal, the Defense Service Achievement Medal, two Army Achievement Medals, Airborne Badge, and the Army Staff Identification Badge.

Mr. Michael Wilson

Michael S. Wilson is a Vice President of General Dynamics and President of its Ordnance and Tactical Systems business unit. General Dynamics has leading market positions in business aviation, information systems, shipbuilding and marine systems, and land and amphibious combat systems. The company is a leading supplier of sophisticated defense systems to the United States and its allies. It is headquartered in Falls Church, Virginia, employs approximately 90,000 people worldwide, and has four main business segments: Aerospace, Combat Systems, Advanced Information Systems and Marine Systems. 2010 revenues were \$32.7 billion.

Mr. Wilson joined Olin Corporation's Winchester Division in 1969 and was promoted to operational positions of increasing responsibility. In 1982, he was appointed Director, Business Planning and Information Systems for the Winchester Division.

In 1985, Mr. Wilson transferred to Olin's Ordnance Division as Director, Business Development and Planning. In 1988, he was promoted to Vice President, Programs. In this capacity, he directed all Ordnance Division programs, including 120mm tank ammunition, propellants, combustible products, medium caliber and howitzer ammunition. In 1990, Mr. Wilson was appointed Vice President, Marketing where he directed all strategic planning, international programs, business development and division marketing activities. In 1991, he was appointed Vice President, Tank Ammunition with responsibilities for all large caliber business activities.

On January 1, 1997, when Olin Corporation spun off its Ordnance and Aerospace Divisions into Primex Technologies, Inc., Mr. Wilson was elected a company Vice President and President of the Ordnance and Tactical Systems Division.

In January 1999 he was elected an Executive Vice President. In January 2001, after the acquisition of Primex Technologies by General Dynamics, Mr. Wilson was appointed Sr. Vice President, General Dynamics Ordnance and Tactical Systems. In May 2001, he was appointed President, General Dynamics Ordnance and Tactical Systems and in October was elected a company Vice President.

COL Jeff Wilson

Colonel Jeffrey K. Wilson is an Ordnance Officer and a member of the Army Acquisition Corps. COL Wilson was commissioned in 1982 as a Distinguished Military Graduate of the University of Wyoming's Army ROTC program. Over the past 27 years, he has served in a variety of logistics and acquisition positions, including Class IX Supply Platoon Leader for the 197th Infantry Brigade and Ammunition Supply Platoon Leader for the 608th Ordnance Company at Ft. Benning, GA; Commander of the 74th Ordnance Detachment (Explosive Ordnance Disposal (EOD)), Ft. Riley, KS; Ordnance Research and Development Officer for the Science and Technology Center - Europe in Frankfurt, Germany; Assistant Project Manager for Tank and Medium Caliber Ammunition at Picatinny Arsenal, NJ; Department of the Army Staff Coordinator for Tank Ammunition and Executive Officer for the Assistant Secretary of the Army for Acquisition, Logistics and Technology, the Pentagon; Product Manager for the Excalibur Precision Guided, Extended Range 155mm Artillery Projectile, Picatinny Arsenal, NJ; and Director for Research, Development and Acquisition Management and Faculty Instructor at the U.S. Army War College, Carlisle, PA. COL Wilson's last position was at Fort Lee, VA, as the Project Manager for the Global Combat Support System – Army, a fully integrated information management system for tactical logistics and an ACAT ID acquisition program. In his current position, COL Wilson is the Project Director, Joint Services, PEO-Ammunition and oversees the modernization of the Army's six Government Owned, Contractor Operated (GOCO) ammunition plants and the demilitarization of conventional ammunition for the Department of Defense. He manages an annual budget of approximately \$250M.

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