

Joint Systems and Equipment

This issue of *Army AL&T Magazine* is dedicated to joint systems and equipment. As Dr. Malcolm Ross O'Neill, our new Assistant Secretary of the Army for Acquisition, Logistics, and Technology, stated in his column, for the last 8 years the military services have been working together to support successful combat, peacekeeping, and humanitarian operations. The below theme articles spotlight just some of the ways the U.S. Army's program executive offices (PEOs) contribute to the joint effort both in CONUS and in theater.

- *Program Executive Office (PEO) Integration Aligns Joint Weapon Systems Across Brigade Combat Teams (BCTs)* describes how PEO Integration continues to develop an incremental network integration approach to all BCTs according to the Army Force Generation Model.
- *Joint Program Executive Office Chemical and Biological Defense (JPEO-CBD) Provides Joint Weapon Systems Total Life-Cycle Management* discusses JPEO-CBD's role as the focal point for integrating CBD research, development, procurement, and fielding efforts throughout DOD.
- *Joint Combat Identification (ID) Marking System (JCIMS) Continues to Save Lives* explains how JCIMS, which is fielded to the U.S. Army and U.S. Marine Corps (USMC), provides friendly forces a capability that helps to positively identify vehicles on the battlefield and reduce the risk of friendly fire. JCIMS is managed by PEO Intelligence, Electronic Warfare, and Sensors' Product Manager ID and Meteorological Sensors.
- *DOD Biometrics—Lifting the Veil of Insurgent Identity* outlines how use of biometric information provides instant access to an indisputable means of identification. Project Manager (PM) DOD Biometrics, part of PEO Enterprise Information Systems (EIS), has numerous biometrics systems that are used regularly in theater.
- *Joint Light Tactical Vehicle (JLTV) Prototype Builds Underway* describes how the JLTV Technology Demonstration phase industry teams have begun to build government prototypes, engineering an unprecedented blend of mobility, payload capacity, and survivability. The U.S. Army-USMC JLTV program falls under PEO Combat Support and Combat Service Support.
- *Mine Resistant Ambush Protected (MRAP) All-Terrain Vehicles (M-ATVs) Deploy to Afghanistan Through Joint Service Efforts* discusses the significant milestones achieved by the MRAP Joint Program Office in delivering M-ATVs to operating forces as quickly as possible.
- *The Joint Cargo Aircraft (JCA)—Transfer of an Acquisition Category 1D Program to the U.S. Air Force (USAF)* is the success story of the JCA and actions in the ongoing transfer of the program from the Army to the USAF.
- *UH-60 Recapitalization (Recap)—Black Hawk's Cornerstone for Fleet Sustainment* describes the history of PEO Aviation's UH-60 recap program.
- *UH-72A Lakota—A Key Component of Army Aviation Modernization* discusses the rapid acquisition, production, and fielding of UH-72A aircraft as well as further enhancements to the aircraft's capabilities.
- *Joint Integration of Unmanned Aircraft Systems (UAS)* provides highlights of the 2009 Army Aviation Association of America's UAS Symposium, where military senior leaders discussed plans for UAS integration among the services.
- *Fire Support Command and Control (FSC2) Team's Continued Quest for Optimal Joint Fires* describes the role played by the FSC2 division, which falls under PEO Command, Control, and Communications Tactical's PM Battle Command, in increasing collaboration in joint fires.
- *Army Insensitive Munitions Board (AIMB) Aids in Weapon Systems' Development and Acquisition* describes how the AIMB coordinates the integration of research, development, testing, and evaluation products with the practices of acquisition managers to mitigate the inherent hazards of weapon systems.
- *Picatinny Insensitive Munitions (IM) Efforts Paying Dividends* explains how IM testing and improvement by PEO Ammunitions' PM Combat Ammunition Systems and the U.S. Army Armament Research, Development, and Engineering Center have made great strides in shell design, propellant and explosive formulation, and packaging improvements.
- *Army Team Wins DOD Award for Satellite Communications Project* relates how PEO EIS's Joint Telemedicine Network (JTMN) implementation team was honored with the DOD Chief Information Technology 2009 Team Award and describes the capabilities that JTMN provides.

In addition to the above theme articles, other feature stories are: *Project Manager Combined Arms Tactical Trainers (PM CATT)—Supporting the Reserve Component; Agility in the Operational Environment—The Value of Army Science Advisors (51S) to Service and Combatant Commanders; and The U.S. Army Chemical Materials Agency (CMA)—Making Chemical Weapons History One Milestone at a Time.*

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