Defense Consulting

MONTHLY REPORT

APRIL 2024

This report synthesizes information from a diverse array of sources to deliver a thorough analysis of the subject matter. Despite meticulous efforts to ensure precision, absolute accuracy and completeness of the information cannot be unequivocally assured. Readers are advised to exercise discernment and prudence in the interpretation and utilization of the information provided.

The perspectives and conclusions presented in this report are solely those of the authors and do not necessarily reflect the official policies or endorsements, explicit or implicit, of the U.S. Government or any of its affiliates.

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LATEST NEWS AND POLICIES

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- **Soaring US munitions demand strains support for Israel, Ukraine, Taiwan**: The article from Defense News discusses the strain on the U.S. munitions supply due to high demand for military support in Israel, Ukraine, and Taiwan. The U.S. Defense Department is managing its inventory against this backdrop of increased arms transfer, balancing between current support and maintaining sufficient stocks for potential multiple conflicts. The piece highlights how the Pentagon is transitioning the defense industry from peacetime to wartime production levels, which has exposed gaps in munitions stockpiles and production capabilities. For our clients in the defense sector, like Gore, Roush, and Thales, this underscores the urgency for innovations in munitions manufacturing and logistics, and the potential for increased demand for defense products and services. Link
- **U.S. and UAE Conduct Joint Military Dialogue:** Department of Defense spokesperson Lt. Col. Dave Herndon provided the following readout: Senior delegations from the United States and the United Arab Emirates (UAE) met April 29-30 in the Pentagon for the annual U.S.-UAE Joint Military Dialogue (JMD). The JMD is the foremost bilateral defense forum for advancing the U.S.-UAE defense partnership, including reviewing shared security interests as well as discussing a wide range of strategic objectives for the relationship and challenges in the region. Link
- **Biden signs bill extending a key US surveillance program after divisions nearly forced it to lapse:** President Joe Biden signed legislation reauthorizing a key U.S. surveillance law after divisions over whether the FBI should be restricted from using the program to search for Americans' data nearly forced the statute to lapse. Link
- **The Senate will hold votes on the House-passed foreign aid bills,** Majority Leader Chuck Schumer (D-N.Y.) said. The Senate is expected to pass the package, which was negotiated with the White House. The $61B Ukraine bill has $13B to replenish US stockpiles for weapons already given to Ukraine and $14B for US defense systems for Ukraine. The $8B Taiwan aid bill includes $2B in foreign military financing for Taiwan and $1.9B to replenish US weapons stocks to cover items and services provided for Taiwan. It also has $3.3B to develop submarine infrastructure. The Israel aid bill includes $4B for Israel's missile defenses in the wake of last weekend's drone and missile attacks by Iran. It provides $9B in global humanitarian aid including for use in Gaza at Democrats' insistence. Link
- **US to withdraw from Chad, Niger amid counterterrorism role questions:** The United States will pull the majority of its troops from Chad and Niger as it works to restore key agreements governing what role there might be there for the American military and its counterterrorism operations. Link
- **The federal government would promote AI research and development** and partner with companies, academics, and civil society groups to create standards on the technology under new bipartisan legislation from Senate Commerce Chair Maria Cantwell (D-Wash.) and committee member Todd Young (R-Ind.). Link
- **The Army secretary would have to report on the ammunition manufacturing supply chain** under legislation from Rep. Tom Emmer (R-Minn.), according to a press release. The report would detail weaknesses in the supply chain, as well as suggest strategies for how to foster public-private partnerships. The report would also have to include information on sourcing raw materials used in ammunition production, and the global demand for ammunition. Sen. Jim Risch (R-Idaho) introduced companion legislation.
- **The Biden administration is weighing ways to support the market for critical materials**, as the industry faces price pressures and outsize influence from China. The Energy Department published a request for information seeking comments on the market dynamics for critical material producers—such as copper, nickel, silicon and electrical steel—and implications for securing the supply chain. Read More
- **US, Japan, Philippines begin 'new trilateral chapter:** President of the United States Joe Biden hosted Japanese and Philippine counterparts Kishida Fumio and Ferdinand Marcos Jr in Washington, early April, agreeing on a new trilateral framework between the nations. The framework spans economic partnerships, including supporting infrastructure in the Luzon Corridor as well as the development of critical and emerging technologies. The partners have also agreed on depending on collaboration to deter China's continued maritime aggression towards neighboring countries. Link
- **Sea services eye options to get ships in the water faster**: The U.S. Navy, Coast Guard and Maritime Administration are looking at industrial base investments, commercially available ships and new acquisition models. Link
- **Spy agency eyes May launch of first proliferated constellation**: The National Reconnaissance Office could launch the first satellites in its proliferated space architecture as soon as next month, according to a top agency official. Link
- **USCENTCOM seeks feedback on CHIPS:** On April 29, the U.S. Central Command (USCENTCOM) posted a draft solicitation for CENTCOM Headquarters Indefinite Delivery Indefinite Quantity (IDIQ) Professional Services (CHIPS), seeking feedback. Link

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CONFIRMATIONS, NOMINATIONS, SELECTIONS AND RETIREMENTS

Confirmations and Assignments: The United States Constitution provides that the president "shall nominate, and by and with the Advice and Consent of the Senate, shall appoint Ambassadors, other public Ministers and Consuls, Judges of the Supreme Court, and all other Officers of the United States, whose Appointments are not herein otherwise provided for."

- **General Officer Assignments**: Link
  - **Major General Jason E. Kelly,** Commanding General, United States Army Training Center and Fort Jackson, Fort Jackson, South Carolina to Deputy Commanding General for Civil Works and Emergency Operations, United States Army Corps of Engineers, Washington, DC.
  - **Major General John V. Meyer III,** Commanding General, 1st Infantry Division and Fort Riley, Fort Riley, Kansas to Chief of Staff, United States Northern Command, Peterson Space Force Base, Colorado.
  - **Major General Duane R. Miller,** Provost Marshal General, United States Army/Commanding General, Army Corrections Command, Washington, DC to Deputy Commanding General, Security Assistance Group-Ukraine, Operation ATLANTIC RESOLVE, Germany.
  - **Major General William D. Taylor,** Commanding General, 2nd Infantry Division (Combined), Eighth Army, Republic of Korea to Director of Operations, United Nations Command/Combined Forces Command/United States Forces Korea, Republic of Korea**.**
  - **Brigadier General John B. Hinson,** Commanding General, 3rd Expeditionary Sustainment Command, Fort Liberty, North Carolina to Commanding General, United States Army Sustainment Command, Rock Island, Illinois.
  - **Brigadier General Kareem P. Montague,** Deputy Commanding General (Support), 4th Infantry Division, Fort Carson, Colorado to Deputy Commanding General for Interoperability, Land Forces and Operations Command, France.
  - **Colonel (Promotable) W M. Bochat,** Commandant, United States Army Chemical, Biological, Radiological, and Nuclear School, United States Army Maneuver Support Center of Excellence, Fort Leonard Wood, Missouri to Commanding General, 20th Chemical, Biological, Radiological, Nuclear, Explosives Command, Aberdeen Proving Ground, Maryland.
  - **Colonel (Promotable) David P. Elsen,** Deputy Chief of Staff, G-2, United States Army Pacific Command, Fort Shafter, Hawaii to Director of Intelligence, J-2, United States Indo-Pacific Command, Camp H. M. Smith, Hawaii.

ACQUISITION

- **Acquisition Innovation Weekly:** Link
- **Federal Acquisition Circular (FAC) 2024-04** was published in the Federal Register. The list of documents included in
- **Replicator:** The Pentagon is embarking on an ambitious initiative known as Replicator, aimed at swiftly deploying swarms of unmanned systems to address military challenges faced by U.S. combatant commanders. Specifically, the first phase, Replicator 1, focuses on countering a potential Chinese invasion of Taiwan using massed lethal surface drones and overhead loitering munitions.
- **Army Begins Market Research for ACCESS Acquisition Effort:** The U.S. Army has started soliciting information from stakeholders to help inform its acquisition approach for the planned Army Contracting Command Enterprise for Sourcing Services procurement program, also known as ACCESS. ACCESS will be the successor to the multiple-award Responsive Strategic Sourcing for Services indefinite-delivery/indefinite-quantity contract, according to a request for information published. Link
  - The service branch considers the potential of combining the scope of ACCESS with ITES-4S, the follow-on to the Information Technology Enterprise Solution-3 Services contract, as part of efforts to develop a comprehensive marketplace for knowledge-based staff augmentation and professional services, improve flexibility and support federal government missions.
- **SBIR: Low-Cost Persistent Multi-Sensor Surveillance:** The U.S. Army wants to develop environmentally hardened sensor nodes that persistently monitor radio frequencies, weather conditions and/or the personnel access of remote islands leased on the Kwajalein Atoll for the U.S. Army's Reagan Test Site. Link
- **AI Procurement Guidance Coming This Month:** The US government's primary procurement arm will add generative artificial intelligence guidance for agencies' purchases, General Services Administration Chief AI Officer Zach Whitman said. Generative AI procurement information will be added to GSA's IT category management market group starting April 27, Whitman said at the April 18 AITALKS event in Washington. Link
- **Official Pages for ASA(ALT) DASA(DES):**

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- On these official pages you will get the latest critical updates about digital transformation.
- To stay up to date on all the latest and greatest, be sure to follow the official pages:
  - LinkedIn: Link
  - Twitter: Link
  - Facebook: Link

SMALL BUSINESS

"Small business" is defined under section 3 of the Small Business Act (15 U.S.C. 632).

- **DoD Office of Small Business Programs**: https://business.defense.gov/
- **Broad Agency Announcement Schedule:** Link
- **APEX (PTAC's):** https://www.apexaccelerators.us/
- **SBIR / STTR:** The Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) programs are highly competitive programs that encourage domestic small businesses to engage in Federal Research/Research and Development (R/R&D) with the potential for commercialization. Through a competitive awards-based program, SBIR and STTR enable small businesses to explore their technological potential and provide the incentive to profit from its commercialization. By including qualified small businesses in the nation's R&D arena, high-tech innovation is stimulated, and the United States gains entrepreneurial spirit as it meets its specific research and development needs. Link
- **SBIR/STTR Opportunities**: Link
- **Certifications:** WOSB, VOSB and SDVOSB certifications moved to the SBA. January 1, 2024, marks the end of the one-year grace period for self-certifying Service-Disabled Veteran-Owned and Veteran-Owned Small Businesses (SDVOSBs and VOSBs). Once this grace period ends, all SDVOSBs and VOSBs not certified with the SBA will be ineligible for set-asides or sole-source awards tied to these programs. If you have a third-party certification, not the VA certification (or now the SBA) it will not show up there. You may have to check with the third-party site to check on the status of your certification. Link
- **New Link to Veterans Contracting Assistance:** Link
- **WOSB:** WOSB certification
- **VOSB:** Veteran Small Business Certification
- **Small Business Association of Michigan** Link
  - Subcontracting Opportunity Websites
  - SBA Sub-Net - https://eweb1.sba.gov/subnet/client/dsp_Landing.cfm
  - DoD Prime Contract Descriptions - www.defense.gov/contracts
  - TACOM Prime Contractor Lists – Available Upon Request to OSBP
- **USMC Office of Small Business Programs:** The Marine Corps Systems Command Office of Small Business Programs is the gateway for small businesses. This includes veteran-owned, service-disabled, HUBZone, small disadvantaged, and women-owned small businesses. Small business and a competitive, healthy industrial base are vital to the long-term success and affordability of the Department of the Navy as well as our national security. Link
- **Search for Marine Corps contract opportunities on SAM.gov. TIP:** Search for "M67854" or "M68909" for announcements from Marine Corps Systems Command
- **Navy Small Business Opportunities:** The Navy buys more than $12B in goods and services each year from its small business partners. At NAVSEA alone, small business invoices annually total more than $3B. Interested businesses are encouraged to visit the Department of Defense Office of Small Business Programs www.acq.osd.mil/osbp and the Navy's Office of Small Business Programs Link.
- **GDLS Supply Chain Management** https://www.gdls.com/suppliers.html
- **Oshkosh Corporate Purchasing:** https://osn.oshkoshcorp.com/

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MICHIGAN SPECIFIC NEWS & OPPORTUNITIES

- **Michigan Specific Government Contracts:** To search for ACC-WRN specific Sources Sought Notices on SAM.GOV, in the "Select Domain" search box, click the drop-down arrow, then select (Contract Opportunities) from the dropdown list.
  - Every Department of Defense (DoD) solicitation and award starts with a 6-digit code called a Department of Defense Activity Address Code (DoDAAC). Type [W56HZV, Sources Sought] in the Text Box to the right of "Select Domain", Click the "Search" Button
  - **DLA Land-Warren:** SPRDL1
  - **ACC-DTA (TACOM):** W912CH (APR 2024+)
- **GVSC Industry Days** were held at **MDEX April 23-25.**
- **Gov. Whitmer Announces New Office of Defense and Aerospace Innovation, Enhancing State's Defense and Aerospace Ecosystem:** Governor Gretchen Whitmer joined the Michigan Economic Development Corporation (MEDC) in announcing the new Office of Defense and Aerospace Innovation (ODAI), which will help grow the state's defense and aerospace industry. Link
  - The office also announced **Col. John Gutierrez**, U.S. Marine Corps (Ret) as its new executive director. Col. Gutierrez has more than thirty years of experience in acquisition, operational, and joint assignments. He began his military service in 1990, enlisting in the U.S. Naval Reserve as a Hospital Corpsman and served until 1995. In 1996, he was commissioned a Second Lieutenant in the U.S. Marine Corps and served until 2024. He most recently served as the portfolio manager for Logistics Combat Element Systems, U.S. Marine Corps Systems Command. He also served at Selfridge with PM JLTV.
- **Supplier Readiness**: PMBC is partnering with Southwest Michigan First and a regional partner group to host the 2024 Southwest Michigan Supplier Readiness event on **May 21 from 8:30 a.m. - 12 p.m**. at Firekeepers Casino and Hotel in Battle Creek. This event is designed to support small businesses interested in showcasing their capabilities to local buyers REGISTER BY MAY 15
- **Department of the Navy Small Business Summit.** Thursday, **June 6th, 2024**, 8:00 am - 5:00 pm Macomb Community College, South Campus, K Building. Join the Mission: Exploring Opportunities with the Department of the Navy Office of Small Business Programs. Embark on an informative full-day journey with the Macomb Regional APEX Accelerator and the DON Office of Small Business Programs (DON OSBP). We are offering a rich overview, aimed at empowering small businesses in the realm of government contracting. Link
- **Michigan Defense CyberSmart Grant Program**: Operated in partnership with the Economic Growth Institute, the Michigan Defense Center is offering Michigan's small and medium-sized defense contractors a comprehensive one-stop shop to NIST SP 800-171 compliance to save this nation's federal supply chain—and your business. If qualified, your business can contract with a pre-approved vendor who will provide expertise to ensure your business complies with updated Department of Defense cybersecurity regulations. The CyberSmart grant program, conducted in two phases, offers reduced pricing on a gap analysis, in addition to up to $22,500 in cost share grant funding to address identified deficiencies within your business's IT infrastructure. For more information on the program, please reach out to: Project Manager, Brooke Sweeney at: brenaes@umich.edu
- **Michigan New Jobs Training Program (MNJTP):** If your company is planning to expand and add new jobs in the state of Michigan, the Michigan New Jobs Training Program (MNJTP) can provide reimbursement of the costs for employee training and education programs designed specifically for your business. Link
- **Macomb County's Planning and Economic Development**: Link
- **Michigan Economic Development Corporation**; Michigan Defense Center: https://www.michigandefensecenter.com/
- **Michigan Macomb APEX (PTAC):** APEX
- **Michigan Senators**: Link
- **Michigan Networking**
  - AUSA Detroit Arsenal
  - NDIA Detroit Chapter
  - Women in Defense Michigan Chapter (WID)
  - Michigan Aerospace Manufacturing Association (MAMA)
- **Ways to Connect:**
  - Army Contracting Command – Detroit Arsenal: Fact Sheet
  - Ground Vehicle Systems Center (GVSC) Website
  - GVSC LinkedIn

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- GVSC Facebook
- GVSC Twitter (X)
- Detroit Arsenal Facebook

- **Resource Links:**
  - Michigan Defense Center Proposal Writing Services Grant Program: Are you a Michigan-based company looking to write a bid response to a Department of Defense, Department of Homeland Security, or General Services Administration Schedule contract opportunity? If so, you may qualify for a grant from the Michigan Defense Center (MDC) Proposal Writing Services grant program. Grant funds from the MDC fund the cost of proposal writing services contracted through one of the Michigan Economic Development Center pre-qualified proposal writing firms.
  - Macomb County Business Solutions
  - Michigan Small Business Resources
  - Macomb County - International Landing Zone
  - Grow your Business with the PMBC Community

THE BUDGET / ECONOMY / COMMERCE

- **The entire budget proposal and additional materials are available:** Link
- **Government Shutdowns Q&A:** Everything You Should Know: Link
- **Agency Contingency Plans**: Link
- **Department of Defense**: Link
- **Department of Homeland Security**: Link

DEFENSE SPENDING BILL

- **Defense Budget Request Shortchanges Emerging Tech:** The fiscal year 2025 Defense Department budget request of $17.2B for science and technology marks a 3.5% decrease from the previous year, despite an overall increase compared to 2023. This reduction could slow the Defense Department's long-term technological investments, impacting future capabilities. The budget prioritizes near-term prototyping and integration over foundational research, affecting areas like basic research and advanced technology development. Navy and Air Force research faced significant cuts, potentially hindering progress in emerging technologies crucial for future military readiness. These changes highlight a broader shift in prioritization towards immediate, actionable technologies at the expense of long-term scientific advancement. Link
- **DOD's FY 2025 Budget Focuses on Defense, People, Teamwork:** Secretary of Defense Lloyd J. Austin III, as the top Defense Department leader, told lawmakers at the House Armed Services Committee that the DOD budget request centers, broadly, on defending the nation, taking care of service members and their families, and strengthening relationships with like-minded U.S. partners and allies. "Our budget request for fiscal year 2025 will advance all three of these priorities," Austin said during his testimony. Link
  - **Key Priorities:** The budget is structured to enhance the nation's defense capabilities against threats from state actors like China and Russia, and manage concerns related to Iran, North Korea, and global terrorism. It emphasizes the need for a resilient and adaptable military force.
- **Secretary of Defense Lloyd J. Austin III Opening Remarks at House Armed Services Committee Hearing on the Department of Defense Fiscal Year 2025 Budget Request:** In his opening remarks at the House Armed Services Committee hearing, Secretary of Defense Lloyd J. Austin III discussed the priorities of the Department of Defense's FY 2025 budget request. Austin emphasized the budget's strategic focus, particularly in countering the challenges posed by the People's Republic of China and Russia. He highlighted the budget's significant allocations towards modernizing U.S. forces across multiple domains — air, sea, land, and cyber. The budget aims to maintain U.S. military readiness and superiority, with substantial investments in research and development and procurement, including new technologies and capabilities essential for future conflicts. Austin also stressed the importance of the Pacific Deterrence Initiative and the Defense Department's largest-ever investment in R&D and procurement to maintain competitive advantages. The budget supports the all-volunteer force with improvements in pay and family support, underlining the commitment to take care of military personnel and their families. This approach not only enhances readiness but also ensures the military can attract and retain talented individuals. Link
  - These initiatives reflect the broader goals of the National Defense Strategy, focusing on integrated deterrence, alliance strengthening, and innovation to address 21st-century military challenges.

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DEFENSE INDUSTRY NEWS

- **DOD launching fully operational vulnerability disclosure program for defense industrial base:** The Defense Department's Cyber Crime Center announced that it is setting up an official Defense Industrial Base-Vulnerability Disclosure Program (DIB-VDP). Link

INDUSTRY

*Denotes Small Business

- **Anduril, South Korean shipbuilder HD Hyundai announce new partnership for autonomous systems:** US Navy Secretary Carlos Del Toro has praised South Korean shipbuilders such as HD Hyundai at recent events, encouraging more participation with US industry. Link
- **Austal rejects Hanwha's takeover bid — for now:** Austal rejected the bid based on concerns it would not be approved by regulators, something Hanwha says should not be an issue. Link
- **BAE Systems selects Hanwha Defense USA for modernization project:** BAE Systems Ordnance Systems Inc. (OSI) has selected Hanwha Defense USA (HDUSA), the U.S. defense subsidiary of Hanwha Aerospace in South Korea, to modernize an existing production building at the Radford Army Ammunition Plant. Link
- **Carahsoft Technology,** Corp., Reston, Virginia, is awarded a five-year multiple award, firm fixed-price Department of Defense (DOD) Enterprise Software Initiative blanket purchase agreement (BPA) using the General Services Administration (GSA) Multiple Award Schedule. Link
- **EOS: EOS showcases capability at US Army's Project Convergence Capstone 4:** EOS Defense Systems USA, the American subsidiary of ASX-listed defence and technology provider EOS, showcased its R600 Remote Weapon Station against uncrewed aerial vehicles. During the technology demonstration, the Remote Weapon Station (RWS) successfully shot down Class 1 UAVs at ranges of over 300 metres in addition to engaging with multiple ground targets. The defence technology provider explained that the project trialled capabilities under controlled conditions, with the capability able to engage targets up to 800 metres with a 7.62mm machine gun and out to 1,200 metres with a 30x113mm cannon. Link
    - The R600 RWS is equipped with a Northrop Grumman M230LF cannon, coaxial machine gun, and four Javelin missiles mounted on an Army Small Multipurpose Equipment Transport robotic infantry support vehicle, the company detailed.
- **General Atomics Aeronautical Systems Inc**., Poway, California, has been awarded a not-to-exceed $173,568,509 definitized contract action for capability upgrades to four **MQ-9A unmanned air vehicles** and two ground control stations, as well as support equipment, spares, and upgrade kits. This contract involves Foreign Military Sales to the Netherlands Link
- **General Dynamics IT wins $922M contract for CENTCOM IT modernization**: The new contract has a one-year based period and five option years. Link
- **General Dynamics Land Systems Inc**
    - **Abrams systems technical support:** General Dynamics Land Systems Inc., Sterling Heights, Michigan, was awarded a $21,998,374 modification (P00067) to contract W56HZV-22-C-0012 for Abrams systems technical support.
    - **General Dynamics Land Systems Secures $297M Army M10 Booker System Technical Support Contract:** Army Contracting Command will obligate funds and determine work locations upon award of each task order and expects contract work to run through April 14, 2029, the Department of Defense said. Link
- **General Electric completes spin off of aviation engines business, launching GE Aerospace**: The breakup of General Electric into three new companies signifies a new age for one of the two major US aviation engine manufacturers. Link
- **Insitu Inc.,** Bingen, Washington, is awarded a firm-fixed price, not-to-exceed $84,468,841 modification (P00006) to a previously awarded indefinite-delivery/indefinite-quantity contract (N0001922D0038). This modification increases the contract ceiling to procure six **RQ-21A and 20 ScanEagle unmanned air vehicles (UAS)** including payloads and turrets; support equipment; spares and special tooling. Additionally, this modification procures services to include training, site surveys, engineering and technical and repair of repairable in support of the RQ-21A Blackjack and ScanEagle UAS platforms. Link
- **L3Harris:** L3Harris lost their second attempt to unseat a NASA award to Ball Aerospace & Technologies. They failed to show that an organizational conflict of interest tainted the agency's award of a $553.9M contract to Ball to support a weather prediction satellite program, known as the Geostationary Extended Observation Sounder program. NASA Goddard Space Flight Center's director was a former Ball vice president but didn't have direct supervision over the

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program, and she divested all Ball assets she owned before starting work at NASA, Judge Carolyn N. Lerner of the US Court of Federal Claims said in an opinion released April 25. Link

- **Lockheed Martin**
  - **Lockheed wins competition to build next-gen interceptor:** The Missile Defense Agency (MDA) has selected Lockheed Martin to develop a new interceptor to defend the American homeland against intercontinental ballistic missiles, axing competitor Northrop Grumman, according to an MDA announcement. Link
  - **MDA awards Lockheed $4.1B contract to upgrade battle command system:** The new upgrades to the C2BMC system include enabling it to safely pass data between allies and partners globally and connect to space sensors. Link
- **Micron Technology** this week is poised to get $6.1B in grants from the Commerce Department to help pay for domestic factory projects, part of an effort to bring semiconductor production back to American soil. Link
- **Northrop is working with Elon Musk's SpaceX** on a classified spy satellite project already capturing high-resolution imagery of the Earth, Reuters reports, citing unidentified people familiar with the program. Link
- **Oracle cloud regions approved to handle secret-level data for Pentagon:** The company announced that three of its classified, air-gapped cloud regions received accreditation from the DOD to handle workloads at Impact Level 6 (IL-6). Link
- **Oshkosh: Oshkosh Defense LLC,** announced that it was awarded an additional delivery order valued at $40M for the procurement of Remotely Operated Ground Unit for Expeditionary Fires **(ROGUE-Fires)** to be used in the Navy/Marine Expeditionary Ship Interdiction System. Link
- **Renk America LLC**, Muskegon, Michigan, was awarded a $101,135,946 modification (P00049) to contract W56HZV-20-C-0124 for **hydro-mechanically propelled transmissions**. Link
- **RTX cyber and intel business becomes Nightwing following sale:** "Nightwing may be a new name, but we're no amateurs," the company's website reads. Link
- **Samsung will get as much as $6.4B in grants to increase chip production in Texas**, as part of the Biden administration's efforts to bolster domestic semiconductor manufacturing. Read More
- **Shield AI**
  - **Shield AI to buy Australian tech company amid AUKUS collaboration**: Shield AI will buy Australian artificial intelligence company Sentient Vision Systems and establish a Shield AI Australia organization. Link
  - **Shield AI to let Hivemind software fly three more aircraft:** The company has already folded the autonomous flight software into three classes of quadcopters, the V-Bat drone, the F-16 jet and the MQM-178 drone. Link
- **Sierra Nevada Corp: 'Doomsday Plane' Contract for $13B Goes to Sierra Nevada:** Sierra Nevada Corp. has won a $13B contract to develop a successor to the "Doomsday Plane," the E-4B command and control aircraft on which the president would fly in in event of national emergency such as a nuclear attack, the Pentagon announced. Closely held Sierra Nevada will proceed into development and production of what's now called the "Survivable Airborne Operations Center." Work is expected to be complete by July 2036, according to a Defense Department statement. Link
- **Sikorsky to lay off hundreds in Connecticut after Army helicopter decision:** After the U.S. Army canceled plans for a new armed scout helicopter, Sikorsky is laying off as many as 400 employees in Connecticut, primarily in its engineering and digital technology ranks who would have developed the chopper. Link
- **Silvus and Kagwerks marry radios, chest rigs for battle communications:** Silvus Technologies and Kagwerks have collaborated to integrate their technologies into the Dismounted Operator's Combat Kit StreamCaster, enhancing battlefield communications. This new kit combines a mobile ad-hoc network radio, a ruggedized tablet, and a wearable chest rig, offering troops streamlined access and increased mobility. Jimi Henderson of Silvus emphasized the strategic fusion of their expertise, aiming to provide superior connectivity and situational awareness in challenging environments. This initiative supports the U.S. Department of Defense's focus on improving connectivity and data-sharing as it preps for potential conflicts in strategic regions. Link
- **Torch Technologies Inc**.,* Huntsville, Alabama, was awarded a $19,227,081 modification (P00162) to contract W31P4Q-21-F-0038 for engineering services. Link

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FOREIGN MILITARY SALES (FMS) AND INTEREST

Foreign Military Sales (FMS) is the U.S. Government's program for transferring defense articles, services, and training to our international partners and international organizations. The FMS program is funded by administrative charges to foreign purchasers and is operated at no cost to taxpayers. The Defense Security Cooperation Agency (DSCA) administers the FMS program for the Department of Defense (DoD). Under FMS, the U.S. Government uses DoD's acquisition system to procure defense articles and services on behalf of its partners. Eligible countries may purchase defense articles and services with their own funds or with funds provided through U.S. Government-sponsored assistance programs. DCSA

- **Argentina** signs $300M contract for 24 Danish F-16 fighter jets: The Danish Ministry of Defence did not disclose when deliveries will take place but the jets are set to rebuild Argentina's strike capabilities, almost a decade after retiring Dassault Mirage III fighter aircraft. Link
- **Australia**
  - **2024 National Defense Strategy and 2024 Integrated Investment Program:** The NDS sets out the Government's approach to address Australia's most significant strategic risks based on the concept of National Defense. Link
  - **Boxer export deal progresses:** The Australian government has signed a production contract with Rheinmetall Defence Australia for the production and delivery of over 100 Boxer heavy weapon carrier vehicles to Germany, further progressing the export deal signed in March. Link
  - **Anduril's Aussie drone sub 'one year early and on budget,' heads to production**: Defense Industry Minister Pat Conroy said Anduril's Ghost Shark is part of the Australian military's $5.2B to $7.2B investment in undersea uncrewed maritime systems. Link
- **China creates new Information Support Force, scraps Strategic Support Force:** A PLA spokesman said the Information Support Force "is a brand-new strategic arm of the PLA and a key underpinning of coordinated development and application of the network information system," which would seem to indicate a sharp focus on networks. Link
- **France**
  - **France will deliver hundreds of armored vehicles to Ukraine, defense minister says**: French Defense Minister Sébastien Lecornu said France is to deliver "hundreds" of armored vehicles by the beginning of next year to Ukraine as part of a new package of military aid for the country that just entered its third year of war since the full-scale Russian invasion. Link
  - **France to spend $540M on artillery propellant production:** The target is for the Bergerac site to produce 1,200 metric tons of explosive power a year, equivalent to 500,000 modular propellant charges. Link
  - **France and Germany: France and Germany sign off on future battle tank system:** France and Germany have formalized an agreement to develop a future battle-tank system, with the countries' defense ministers signing off on an industrial work-share pact. The countries' defense firms – KNDS, Rheinmetall and Thales, among others – can now get to work on proposals, which are expected in the coming months, French Armed Forces Minister Sebastian Lecornu said at a briefing. Germany is leading the project and will be in charge of awarding contracts for the first demonstrator phase by the end of this year. Link
- **Germany: Rheinmetall to equip 22 German howitzers with parts in resupply order:** German defense company Rheinmetall won a contract to supply parts for 22 new Panzerhaubitze 2000 howitzers, part of a plan by the government to replenish weapon stocks previously donated to Ukraine. Link
- **Greece formally agrees to nearly $2B UH-60M Black Hawk helicopter deal:** Greece is a step closer to acquiring new utility helicopters after signing a Letter of Offer and Acceptance (LoA) for a fleet of 35 UH-60M Black Hawk aircraft. Link
- **Indonesia:** Fincantieri inks $1.3B deal with Indonesia for two patrol ships: The two PPA multipurpose offshore patrol vessels were originally destined for the Italian Navy. Link'
- **Israel is asking the US for another munitions sale** that would be made up mostly of tank ammunition, with Oshkosh's Family of Medium Tactical Vehicles the second largest chunk, officials said. The US hasn't begun the review process, which would take many months and doesn't guarantee a sale. The request is separate from the $95B funding supplemental request being considered in Congress. It's also separate from an earlier request for bombs and fuses for other munitions that's still pending congressional approval, and, if approved and put on contract, wouldn't be delivered until 2025. Link
- **Japan stands up Amphibious Rapid Deployment Brigade, electronic warfare unit for defense of southwest islands:** The Japan Ground Self-Defense Force last week formally activated the 3rd Regiment of its Amphibious Rapid

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Deployment Brigade, a key element of Japan's plan to defend its southwest region and the outlying islands there. Last month Japan also stood up a JGSDF electronic warfare unit on Yonaguni Island and a surface-to surface-missile unit on Okinawa – the first time this type of unit has deployed on Okinawa. Link

- **Lithuania, Rheinmetall sign agreement for 155mm ammunition plant:** "The establishment of the … ammunition factory in Lithuania will reduce our dependence on long supply chains, which currently pose great challenges in meeting the needs of the armies throughout the European Union and the world," said Laurynas Kasciunas, Lithuania's Minister of National Defense. Link
- **Nigeria expects first batch of Leonardo M-346 fighter jets this year:** This year kicks off a delivery schedule for the light fighter plane that entails four batches of six aircraft each for the African nation. Link
- **North Macedonia to buy Leonardo military transport helicopters:** North Macedonia's government has signed a contract with Italy's Leonardo to purchase a fleet of new transport helicopters for the country's military. The landlocked Balkan state is acquiring eight rotorcraft—four super-medium twin-engine AW149s and four intermediate-light twin-engine AW169Ms. Link
- **South Korea:**
  - **South Korean military paves way for robotic vehicles in its ranks**: As its military looks to tap new technologies to compensate for a dwindling conscript force, South Korea has launched a tender to procure unmanned ground vehicles for the nation's Army and Marines Corps. Link
  - **South Korea's HHI inks deal to build four ships for Peru's Navy:** A South Korean company will build four ships for the Peruvian Navy under a $463M contract signed this week. Link
- **United Kingdom:**
  - **8 Challenger 3 MBT prototypes roll off production line:** The United Kingdom Ministry of Defence (MOD) has confirmed that the first tank has started proving its capabilities during trials, with the eight tanks to be trialled across a range of conditions before the additional 140 begin construction. The UK MOD has billed the tank as the "most lethal and survivable tank" operated by the British Army. The delivery is part of an £800M contract between the British military and Rheinmetall BAE Systems Land. It is the third iteration of the Challenger tank, and is projected to remain in service until at least 2040. Link
  - **Airbus, UK agree $152M deal for 6 H145 'overseas' helicopters:** The fleet of light-twin rotorcraft will replace Airbus Puma HC2 types, which have been temporarily based in Brunei for British Army training and the island of Cyprus in support of Royal Air Force search and rescue missions. Link

MIDDLE EAST REGION

- **US military says it destroyed Houthi drones over Red Sea and in Yemen:** The rebels have kept up their campaign of attacks despite more than two months of U.S.-led airstrikes. Link
- **All the Houthi-US Navy incidents in the Middle East (that we know of):** A running list of every instance where a Navy ship or jet has shot down a Houthi attack, and every instance where the United States and its allies have hit back at Houthi sites in Yemen, since October. Link
- **SM-3 ballistic missile interceptor used for first time in combat, officials confirm:** For the first time in combat, guided-missile destroyers fired missiles developed to intercept ballistic missiles during the U.S. response to the Iranian attack on Israel, USNI News has learned. Link
- **US, UK issue sanctions on Iran over drone and missile attack on Israel:** The U.S. and U.K. on Thursday imposed a new round of sanctions on Iran as concern grows that Tehran's unprecedented attack on Israel could fuel a wider war in the Middle East. Link
- **Rockets fired at US base in Syria from Iraq:** It is the first attack on American troops in the region since early February. Link

UKRAINE

- **Ukraine pulls US tanks from front lines over Russian drone threats:** Ukraine has withdrawn U.S.-supplied Abrams tanks from its front lines due to the heightened threat from Russian drones. The increased use of drones by Russia has made it difficult for these tanks to operate undetected, prompting a strategic adjustment in their deployment to mitigate the risk and adapt to evolving battlefield dynamics. Link
- **US Department of the Treasury Sanctions Lukashenka Regime Based on a Determination of Sanctions Evasion:** On April 15, the US Department of the Treasury designated 12 entities and 10 individuals based on a determination that the Belarusian Lukashenka regime continued to rely on revenue

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from state-owned enterprises to suppress its citizens, to circumvent US sanctions, and to support Russia's war against Ukraine. Link

- **US Announces Significant New Military Assistance for Ukraine:** On April 24, following the passage of the national security supplemental, the US announced a new package of weapons and equipment for Ukraine, valued at up to $1B. The package includes air defense missiles, munitions for HIMARS, artillery rounds, armored vehicles, precision aerial munitions, anti-armor weapons, small arms, equipment, and spare parts. Link
- **US Defense Chief Confirms $6B Arms Commitment for Ukraine:** Defense Secretary Lloyd Austin confirmed Friday a $6B commitment for long-term contracts to provide Ukraine with weapons such as Patriot missiles, artillery ammunition and drones. Link
- **President Biden Holds Call with Ukrainian President Zelenskyy:** On April 22, President Biden spoke with President Zelenskyy of Ukraine to underscore US support of Ukraine "as it defends its freedom from Russian aggression." Link
- **Loitering munition maker UVision contracts with SAIC for US production line:** The war in "Ukraine and what happened in Israel has put in the spotlight the use of unmanned systems," UVision exec Izthik Huber told Breaking Defense. Link
- **US gives Ukraine seized Iranian weapons that were headed to Houthis:** The U.S. has sent weapons to Ukraine that it seized from an Iranian group that attempted to smuggle the weapons to Yemen's Houthi militants. Link
- US announces $138M in emergency military sales of Hawk missile systems support for Ukraine: The State Department has greenlighted an emergency $138M in foreign military sales for Ukraine to provide critical repairs and spare parts for Kyiv's Hawk missile systems. Link
- **UK government unveils $620M top-up in Ukraine military aid:** Officials in London have billed the latest package as the largest single British delivery of weapons to Ukraine since the start of Russia's invasion. Link
- **What Green Berets learn from the Ukrainians they train.** "Since the start of Russia's full-scale invasion more than two years ago, Col. Lucas VanAntwerp and other Army special-forces soldiers have trained thousands of Ukrainian commandos in Poland and elsewhere," DEFENSE ONE's Sam Skove reported. "And U.S. troops have learned as well—not just about the Ukrainians' special brand of resilience, but lessons from European battlefields that are now shaping Army special operations and modernization efforts." Link

VEHICLE PROGRAMS

The main PEO's and Programs for Ground Vehicles are:

- PEO Ground Combat Systems (GCS) led by MG Glenn Dean
- Army Combat Capabilities Development Command (DEVCOM) Ground Vehicle Systems Center (GVSC) led by SES Mike Cadieux
- PEO Combat Support and Combat Service Support (CS&CSS) led by BG Luke Peterson
- U.S. Army Tank-Automotive and Armaments Command (TACOM), led by BG Michael B. Lalor

ABRAMS

The Abrams program is a mature, Acquisition Category IC program. Design decision authority is delegated to Program Executive Office Ground Combat Systems, further empowering leaders at the lowest level to execute. This creates great Acquisition agility and enables quick reactions to the Army's requirements while focusing on the real-time needs of the warfighting formations.

- **PM Main Battle Tank Systems:** COL Ryan Howell (thru Summer 2025)
- Product Manager (PdM) Abrams: LTC Dan Varley; daniel.w.varley.mil@army.mil
- ACC-DTA POC: Roxanna M. Genova-Lasecki; roxanna.m.genova-lasecki.civ@army.mil
- Prime: GDLS
- Army Acquisition Objective: 2,101
- **Current Initiatives**:
  - **Modernization Efforts:**
    - Divest M1A1 by FY2025
    - 8 major baseline changes in 25 years
    - M1E3 is the next planned modernization effort
  - M1A2 SEPv2 Restoration Initiative: Extend the service life of the M1A2 SEPv2 fleet to increase unit readiness
  - M1A2 SEPv3 Production and Fielding
  - **M1E3 Abrams**: The M1E3 Abrams is an advanced variant of the M1 Abrams main battle tank, representing a modernization and enhancement of its predecessors.

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- **Integrated Logistics**: Requirement: Abrams Family of Vehicles (FoV) Field Level Maintenance, Field Service Representative (FSR) support, NET, Deprocessing, Maintenance, Repair, Modification Work Order (MWO) install (CONUS and OCONUS)
  - Competition: Full and Open Competition
  - Projected Value: >$500M
  - NAICS: 541330 Engineering Services
  - Projected Solicitation: FY25Q1
  - Projected Award: FY26Q1
  - PoP: 5 years Status: Pre-Solicitation
- **Supporting PEO/ PM POC**: LTC Daniel Varley; daniel.w.varley.mil@ar

ADVANCED RECONNAISSANCE VEHICLE (ARV)

Advanced Reconnaissance Vehicle (ARV) Prototype Vehicle (W56HZV-22-X-ARV2): USMC Program. The Advanced Reconnaissance Vehicle (ARV) is envisioned as a next generation platform with a combination of capabilities that will enable Light Armored Reconnaissance (LAR) battalions to function as battlefield managers. The ARV will be a modern combat vehicle system, with an open system architecture, capable of fighting for information, that balances competing capability demands to sense, communicate, move, shoot, and remain transportable as part of the Fleet Marine forces. The ARV will provide a balanced set of performance, payload, and protection attributes with sufficient size, weight, & power (SWAP) to accommodate future growth and the development of other variants. The lead ARV Mission Role Variant (MRV) will be the Command, Control, Communications, Computers (C4) Unmanned Aerial System (UAS).

- **Requirement:** Engineering and Manufacturing Development (EMD) phase for the ARV, which is a new, purpose-built combat vehicle system, mobile on land and water, and capable of service as the manned hub of a Robotic and Autonomous Systems team.
  - **Competition:** Full and Open
  - Projected Value: $750M
  - NAICS: 336992
  - Projected Solicitation: FY25Q2
  - Projected Award: FY26Q2
  - PoP: 4 Years
  - Status: Pre-Solicitation
  - PM LAV POC: Greg Donahoe gregory.s.donahoe.civ@army.mil
  - ACC-DTA POC: John Sarti; john.m.sarti2.civ@army.mil

AMPHIBIOUS COMBAT VEHICLE (ACV)

Amphibious Combat Vehicle (ACV): **USMC Program**. The ACV is the follow-on program to AAV and is being built by BAE Systems along with Iveco Defense Vehicles. At its core, the ACVs purpose is to deploy Marines rapidly and safely from ship to shore. Fielded by Program Executive Officer Land Systems, the ACV is the Corps' next-generation vehicle designed for the swift and secure transport of Marines from ships to shore along island chains like those found in the South China Sea. This bleeding-edge family of vehicles includes personnel, command and control, recovery, and 30-mm gun variants, and stands to replace the Corps' aging Assault Amphibious Vehicle—a staple of amphibious operations since it was first fielded in 1972.

- **Prime:** BAE Link
  - BAE Systems is currently under contract for the development of engineering drawings, manufacture and test support for three ACV command and control mission role variants; and the development of the ACV medium caliber cannon mission role variant.
- **MARSYSCOM PEO Land Systems, PM AAA** (which ACV falls under) is COL Tim Hough
- **Program Manager of the Amphibious Combat Vehicle (ACV)** for P&S: Grace Cleair
- **BAE Systems receives $79M contract from U.S. Marine Corps to build and deliver ACV-R test vehicles:** BAE Systems has received an $79M contract from the U.S. Marine Corps to build and deliver production representative test vehicles (PRTVs) for the Amphibious Combat Vehicle Recovery (ACV-R) variant later this year. Link
  - This contract award begins the second phase of the ACV-R program and kicks off the production of PRTVs which will support government testing next year. The prior contract award focused on the design and development of the recovery variant and was completed within the contracted 20-month period. ACV-R is equipped with a winch and crane and is capable of recovering vehicles weighing more than 30 tons.

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- BAE Systems and our strategic partner Iveco Defence Vehicles is currently in full-rate production with the ACV Personnel (ACV-P) variant and ACV Command and Control (ACV-C) variant, and recently delivered the first three ACV 30mm cannon (ACV-30) variant PRTVs to the Marine Corps for testing on January 31.

ARMORED COMBAT SUPPORT VEHICLE (ACSV)

Armored Combat Support Vehicle (ACSV) – Canadian Program. The Armored Combat Support Vehicle (ACSV) is a new 8×8 armored vehicle developed for the Canadian army based on the LAV 6.0 and that will replace the current Light Armored Vehicle (LAV) II Bison and M113 Tracked armored vehicle fleets. The Canadian Army plans to replace its entire LAV fleet of various LAV II and LAV III variants with the LAV 6. The vehicle is being acquired in two main variants: a fighting vehicle equipped with the 25mm cannon seen on the LAV II and LAV III, and a support variant labelled the Armored Combat Support Vehicle (ACSV). Link

- **Prime is GDLS-C**
- **Currently in Phase IV, Implementation**
- Initial Delivery was completed.
- Initial operational capability: 2024
  - The second ACSV variant, the Troop/Cargo Variant, began testing at Garrison Petawawa. All 41 variants are expected to be delivered to the Canadian Army by late summer 2024.
  - As of February 2024, a total of 118 vehicles have been factory accepted by Canada. These vehicles are progressively being delivered to the CAF.
  - Reliability, Availability, Maintainability, and Durability testing that evaluated the Remote Weapon Station has also been successfully completed.
- First delivery of type III variants: 2025
- Full operational capability: 2027

ARMORED MULTI-PURPOSE VEHICLE (AMPV)

Armored Multi-purpose Vehicle (AMPV): The Armored Multi-Purpose Vehicle (AMPV) is the replacement for the M113 Family of Vehicles (FoV) within the Armored Brigade Combat Team (ABCT), comprising approximately 30% of its tracked vehicle fleet. There are five variants. The current AMPV program, which is in the NGCV CFT portfolio, plans to replace 2,897 M113 vehicles at the brigade and below level within the ABCT. There are an additional 1,922 M113s supporting non-ABCT affiliated units (referred to as Echelons Above Brigade [EAB] units) that are not included in the Army's modernization plan.

- **PDM AMPV:** LTC Nate Costa
- **Production Contract**: Non-Competitive, Full Rate 5 year
  - ACC-DTA POC: Shannon Zemke shannon.b.zemke@army.mil
  - Award date: 2QFY23.
  - Solicitation: W56HZV-20-R-0097: The U.S. Army awarded BAE Systems with a full-rate production (FRP) contract in August 2023 to continue manufacturing the AMPV Family of Vehicles at a high and sustained rate.
  - Option Year 3-5 full rate production contact
    - Projected Solicitation:2QFY24
    - Projected Award: 2-3QFY23
- **Prime:** BAE Systems Land & Armaments, York, Pennsylvania Link
  - **BAE PM:** Bill Sheehy
- **Army Acquisition Objective (AAO):** 2,897 vehicles.
- **ACC-DTA POC:** shannon.b.zemke@army.mil
- **Armored Multi-Purpose Vehicle (AMPV) Full Rate Production Market Survey/Request for Information:** The Program Executive Office Ground Combat Systems (PEO GCS), Product Manager Armored Multi-Purpose Vehicle (AMPV) is conducting this Market Survey to assess domestic U.S. industry interest and current market manufacturing capability to produce future AMPV vehicles, supplemental kits, and provide logistics support. Link

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ARMY WATERCRAFT

Army Watercraft: Under PEO CS&CSS; PM Transportation Systems.

- **PM** = Regina Rogers; Deputy PM = Michelle Minto Link
- **ACC-DTA POC: Jared Chambers:**
- **Army Watercraft Systems (AWS)** expand commanders' movement and maneuver options in support of unified land operations. The Army's current fleet enables commanders to operate through fixed, degraded, and austere ports, conducting expeditionary sustainment, movement, and maneuver of forces for missions across the spectrum of military operations.
- **Mission:** Provide efficient and effective Life Cycle Management for the global Army watercraft fleet by delivering the most safe, suitable, and supportable systems to the Warfighter in support of full spectrum operations.
- **Upcoming Opportunities:**
  - **Maneuver Support Vessel (Light) –** Completing test and preparing for MS C and Low-Rate Production
  - **Landing Craft Utility (LCU)** Service Life Extension Programs (SLEP)
    - **AWS RFP:**
      - Landing Craft Utility (LCU) Service Life Extension Programs (SLEP): Request for Proposal (RFP) Estimated in June/July 2024 - award SEP 24
      - Landing Craft Utility (LCU) Service Life Extension Programs (SLEP): Request for Proposal (RFP) Estimated in 2QFY25, award SEP 25
      - Landing Craft Utility (LCU) Service Life Extension Programs (SLEP): Request for Proposal (RFP) Estimated in 2QFY26, award SEP 26
      - Landing Craft Utility (LCU) Service Life Extension Programs (SLEP): Request for Proposal (RFP) Estimated in 2QFY27, award SEP 27
  - **Vessel Bridging System (VBS) and Force Support Vessel (FSV)** assigned to PEO CS&CSS as Office of Primary Responsibility (OPR); Managing office is AWS
- **Prime Contractors:** Conrad/Orange Shipbuilding; DCS; Marinette Marine Corporation; MossPoint Marine; Vigor Works, LLC; VT Halter Marine.

ASSAULT BREACHER VEHICLE (ABV):

- **Assault Breacher Vehicle (ABV):** The M1150 Assault Breacher Vehicle (ABV), nicknamed "the Shredder" is a highly mobile and heavily armored minefield and complex obstacle breaching system. It consists of an M1A1 Abrams tank hull; a unique turret with two Linear Demolition Charge Systems (employing two Mine Clearing Line Charges (MICLIC) and rockets); a Lane Marking System (LMS); Integrated Vision System; and a High Lift Adapter that interchangeably mounts a Full Width Mine Plow (FWMP) or a Combat Dozer Blade. The ABV is specifically designed to breakthrough minefields and obstacles. Developed by General Dynamics Land Systems it also uses specially developed obstacle clearance devices from Pearson Engineering in the United Kingdom. It uses the M1A1 main battle tank chassis. It has a forward lifting device to which are fitted a blade and/or various mine clearing devices. The gun turret is replaced by an armored structure that contains two Linear Demolition Line Charges that can be launched beyond the vehicle. Each LDCS consists of a daisy chain of C-4 explosives deployed by a rocket approximately 100 meters forward. When detonated from the ABV the line charge blasts a path up to six meters wide and 110 meters long. The explosion causes mines to detonate or be destroyed while also effectively clearing wire and other entanglements. The ABV then uses the blade and clearance devices to physically clear the path. The ABV is also equipped with a .50 heavy machine gun.
- **Prime:** GDLS
- **Army Product Manager:** Mr. Chris Upton
- **AAO**: 201

AUTONOMOUS VEHICLE TRANSPORT SYSTEM

- Autonomous Vehicle Transport System: Formerly known as the Leader-Follower program, the Autonomous Vehicle Transport-System will increase force protection and sustainment throughput of convoy operations. Selected companies were Carnegie Robotics, Neya Systems, and Robotic Research.
- From MDEX: The Autonomous Transport Vehicle System (ATV-S), is the requirement to add an autonomous mobility capability to existing Army trucks starting with the Palletized Load System (PLS). Based on a February Acquisition Shaping Panel, the Army is pursuing a competitive Mid-Tier Acquisition, Rapid Prototyping strategy. Our current plan

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would be to use an OTA in which we would solicit white papers or short slide briefs, from there some vendors would be invited for in-person pitches with the goal to award RPPs for build, integrate & demonstration by the end of this FY. We would then downselect for formal testing and production.

BRADLEY

The M-2 Bradley, which has been in service since 1981, transports infantry on the battlefield, provides fire support to dismounted troops, and can destroy enemy fighting vehicles. Updated numerous times since its introduction, the M-2 Bradley is widely considered to have reached the technological limits of its capacity to accommodate new electronics, armor, and defensive systems.

- **Bradley Product Manager**: Lt. Col. Mario Iglesias
- **Prime** is BAE
- **Total Built approx**. 6,700. **AAO**: 3,355
- The XM30 (OMFV) will not be a 1:1 replacement for all Bradley's. However, OMFVs are expected to replace all Bradley variants in infantry and scout roles within the ABCTs.
- **Bradley initiated Engineering Change Proposals (ECPs);** Track and Suspension ECP, A4 ECP (Mobility) to restore lost platform capability. Remains fielded until ~CY2050. AAO: 2,336 (A3, ODS-SAs); AAO: 1,326 (A4s)
- **Bradley A4's:** BAE Systems received a $288M contract modification for converting Bradley vehicles to the M2A4 configuration for the U.S. Army. This follows a series of contracts totaling over $600M awarded to BAE Systems for Bradley production and upgrades throughout 2023. The upgrades aim to enhance the Bradley's adaptability, technology, and capabilities to maintain its superiority on the battlefield. The Bradley A4 is an engineering change proposal program that brings in new suspension and track upgrades and upgrades the electrical system and power train to restore lost mobility and integrate new technologies. Work on these upgrades is distributed across multiple BAE Systems facilities in the United States.
- **Bradley A4 Production Contract**: W56HZV-20-R-0021. **Bradley A4 Follow On**: Sole Source contract. The conversion is an enhancement to the power pack, mobility, situational awareness, and software upgrades.
- **Quantity:** 106 Vehicles

COLD WEATHER ALL-TERRAIN VEHICLE (CATV)

Cold Weather All-Terrain Vehicle (CATV), formerly the JAASV: The CATV is an amphibious vehicle that is meant to carry up to nine soldiers and withstand temperatures up to -50 degrees Fahrenheit. BAE Systems offered its Beowulf vehicle for the competition. The CATV will be an articulated tracked vehicle capable of amphibious operations, operations under extreme cold weather (ECW -50F) conditions and terrain typically found in Arctic environments and Sling Load transportable. The CATV is considered a modified commercial item under FAR Part 12, Acquisition of Commercial Items, as it is a commercially based vehicle with modifications to accommodate military requirements.

- **Prime:** BAE Systems
- **Army Product Manager:** Diane McCarthy
- **Procurement objective**: 110, AAO: 163.
- **Solicited through NAMC**. RPP 20-04
- **Contract Number**: W56HZV21R0185: The contract will run through 2029. The extreme cold weather vehicle will have several variants, including for general purpose, cargo, casualty evacuation and command and control missions. CATV missions include "capability to conduct Homeland Defense (HD), Defense Support of Civil Authorities (DSCA), and Search and Rescue (SAR) mission sets as well as support year-round training," according to the Army's RFP.

COMMON TACTICAL TRUCK (CTT)

Common Tactical Truck (CTT): Under PEO CS&CSS. Potential Family of Vehicles solution for M1088, M915, Palletized Load System (PLS), Heavy Expandable Mobility Tactical Truck (HEMTT): The Army operates an aging fleet of heavy trucks that are threatened by technological obsolescence and do not benefit from significant commonality with commercial fleets of vehicles which could otherwise streamline fleet modernization. "The CTT program can be viewed as the Liberty Truck of the 21st century, as it will similarly seek to streamline the Army's supply, maintenance, and training requirements." ~ BG Luke Peterson, PEO CS&CSS

- **POC's:**
  - **Product Lead for CTT:** Mr. Alvin Bing III; alvin.bing.civ@army.mil
  - Agreements Officer: Marta Furman

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- NAMC POC is Lindsay Bayles | Program Manager | LindsayB@NAMConsortium.org

- The CTT Family of Vehicles (FoV) is a modernization effort that will replace M915/M1088 Tractors, PLS, and HEMTT
- Performance and Limited Durability testing 2Q-3QFY24; Operational Demonstration 4QFY24
- **Contract**: Prototype OTA effort through NAMC RPP 22-02.
  - **OTA Agreements (4) Awarded 27 JAN 2023:** Each awarded team was tasked to build three prototypes of each CTT variant over 10 months in 2023 — an M915 Line Haul Tractor and M1088 Medium Tractor; a Palletized Load System; and Heavy Expanded Mobility Tactical Truck. Vendors will also provide digital designs to go with each variant and a design study for a wrecker, according to the Army.
  - **The teams:**
    - **Mack**
    - **Navistar**
    - **Oshkosh**
    - **American Rheinmetall Vehicles/GM Defense**:
- **2024:** The Army has begun evaluating the initial prototypes. Evaluation results will feed a capabilities development document (CDD) that will be submitted to the Army Requirements Oversight Council.
- **FY 2026:** An AROC decision on whether to move forward is planned for fiscal 2026. The Army is expected to procure and test a small number of prototypes in an initial phase before determining whether to proceed to initial production. If the Army greenlights the requirements, the Army plans to again open the competition, allowing vendors to submit bids for the engineering and manufacturing development (EMD) phase.
- **AROC:** The decision of the Army Requirements Oversight Council on proceeding to initial production, is expected to be made in fiscal 2026 based on the evaluation of the prototypes. The Army's focus on affordability and the performance of the prototypes in tests will be crucial. The initial production could involve about 5,700 vehicles valued at approximately $5B. Given the high stakes and the Army's emphasis on modernization, the decision will likely hinge on which prototypes best demonstrate the ability to meet the complex and evolving needs of the Army's tactical wheeled vehicle fleet.
- **End of FY26:** Army enters the production phase with a single winner.

ENHANCED HEAVY EQUIPMENT TRANSPORTER SYSTEM (EHETS) AND EHETS TRAILER

The Enhanced Heavy Equipment Transporter System (EHETS) consists of the M1300 tractor and the M1302 semitrailer. The EHETS tractor is used in combination with the M1302 trailer to transport heavy tracked and wheeled vehicles. The M1300 is a lightened M1070A1 tractor featuring a powertrain upgrade. The M1302 trailer is an eight-axle flatbed trailer capable of hauling the heaviest Army-tracked payloads. It is able to self-load/unload disabled vehicular cargo for evacuation purposes. The system will provide line haul, local haul, and maintenance evacuation of heavy tracked vehicles during tactical operations on primary and secondary roads worldwide.

- **PEO CS&CSS**
- **Prime:** Oshkosh Defense; Broshuis B.V.; Red River Army Depot
- **In the Production and Deployment Phase**

ELECTRIC VEHICLES AND ELECTRIC LIGHT RECONNAISSANCE VEHICLE (ELRV)

Electric Vehicles and Electric Light Reconnaissance Vehicle (eLRV): Under PEO CS&CSS

- **RPP-24-D02 | eLRV:** The purpose of this RPP is to solicit Firm Fixed Price proposals for the research and development of a(n) an eLRV. The eLRV effort will be conducted in two (2) phases: Phase 1 Initial Prototypes and Phase 2 Operational Prototypes. The intent of this effort is to inform operational viability of electrification through prototyping and update the eLRV Capability Development Document (CDD) for threshold and objective requirements. POC is Jessica Sierakowski. JessicaS@NAMConsortium.org
- **NAMC conducted an Industry Collaboration Event** on 14 February to enable teaming among members for prototype proposals.
  - **The RPP and its 21 attachments** can be found by following the link below to the RPP-24-D02 opportunity page on the NAMC website. Once logged in to the site, all files can be found under Projects Documents, within the RPP folder. Must be a member of NAMC: Link
  - **The following documents have been revised:**
    - Attachment 001 - Prototype Project Agreement
    - Attachment 008 - Contract Data Requirements List (CDRLs)

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- The Government anticipates awarding up to four (4) Prototype Project Agreement(s) (PPA(s)) as a result of proposal evaluation.
- Proposals for eLRV were due in the new DAI BIDS site (https://namc.acqcenter.com) on 22 March 2024. This site functions just like the prior BIDS site. However, unlike the previous site access allowances, only one (1) unique login will be approved for each member organization requesting access.

- **The Army awarded deals to GM Defense and advanced mobility startup Canoo** to each provide an electric vehicle for demonstration, with the goal of informing the service's planned Electric Light Reconnaissance Vehicle (eLRV) program. The Army evaluated General Motors' Hummer EV, a Canoo platform and a Lordstown Motors truck. The evaluation team is now in the process of preparing a test report, which will feed into the prototyping effort.
- **Schedule - eLRV Prototyping path template outlined below:**
  - PH I: FY 24
  - PH II: FY 25
  - CDD development: FY 25-26
  - AROC: late FY 26

FAMILY OF HEAVY TACTICAL VEHICLES (FHTV)

Family of Heavy Tactical Vehicles (FHTV): The FHTV budget increased to $64M in budget request. **W56HZV-22-R-0033:** Request for Proposal (RFP) was issued by US Army Contracting Command - Detroit Arsenal to Oshkosh Corporation for the Family of Heavy Tactical Vehicle (FHTV). This solicitation is for a five-year (5) Firm Fixed Price requirements contract with five (5) ordering periods. Amendment 12 was released 28 September, and it updates the proposal due date and sections A and J.

- **Heavy Dump Truck (HDT)**
- M872, M172, **Enhanced Heavy Equipment Transporter** (**EHET)**,USAREUR **HETS ONS**, and **Medium Equipment Transporter Systems (METS)**
- **Modular Autonomous Vehicle (MAV)**
  - By-Wire Active Safety Kits (BWASK)
  - Predictive Maintenance (PM+)
  - Procurement of Route Clearance Enablers (MRAP)
  - Transition to sustainment older systems
  - **Palletized Load System (PLS):** a heavy, multi-wheeled drive truck designed for cross-country movement of combat-configured loads of ammunition and other classes of supply. The PLS Extended Service Program is a Department of the Army supported Recapitalization (RECAP) program increasing the PLS fleet density in the field.
- **Anti–Idle:** The anti-idle kits use lithium batteries to operate HVAC and onboard communications and accessories while the engine is off for extended periods
  - Plans to release an RFP for HEMTT A4 and PLS A1 in FY25/26 with the intent to field the new capability in FY27
  - Palletized Load System (PLS) By-Wire Active Safety (BWAS):
  - Vehicle is Sole Source to Oshkosh
- **Vehicle upgrade** provides active safety features to the PLSA1

FAMILY OF MEDIUM TACTICAL VEHICLES (FMTV)

The Family of Medium Tactical Vehicles (FMTV) – A2 operates as a multipurpose transportation and unit mobility vehicle in Combat, Combat Support, and Sustainment units. The A2 incorporates new technologies and can transport a heavier payload over more difficult terrain in a shorter amount of time with greater protection than its predecessor.

- **Family of Medium Tactical Vehicles (FMTV):** In the Production and Deployment and Operation and Sustainment Phase.
  - Looking to achieve a highly mobile, lightweight fast-forming **power system** with AC/DC microgrid and anti-idle capabilities on the A2. RPP in FY24/25 with production planned FY26/27
- **Prime:** Oshkosh Defense
- **PdD MPVS; Marla Dalzell**
  - **Focus Areas:**
    - **FMTV Safety Improvement Kit:** Add Electronic Stability Control (ESC) to the A1P2 only, Collision Warning / Mitigation, 360 SA, Backup Camera, Cargo Area Rollover Protection Feasibility

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        - **Yard Tractor:** purchase up to 100 vehicles for the US Army Reserves
        - **CATV:** Authorized to purchase up to 130 CATVs (AAO is 163) for the Army and National Guard by FY28
        - **25 Ton Semi Trailer Low Bed**: purchase up to 70 trailers for the Army, between FY24 –FY26
    - **Opportunities:**
        - Low Velocity Air Drop (LVAD) – Initiating Production Validation Testing
        - FMTV A2 – Vehicle Integrated Power Kit (VPIK), RPP FY24/25
        - Cold Weather All-Terrain (CATV), Authorized to purchase 130 CATVs
        - 25 Ton Semi Trailer Low Bed - Purchase up to 70 trailers for the Army, between FY24 –FY26
    - **ACC-DTA POC:** John Pierce; john.l.pierce61.civ@army.mil
- **FMTV A2:** Requirement: 10-year Recompete of FMTV A2 contract
    - Competition: Full & Open Competition
    - Projected Value: >$1B (includes Army, FMS & other DoD customers)
    - NAICS: 336992
    - PSC: 2355
    - Projected Solicitation: FY25Q2/Q3
    - Projected Award: FY26Q2/Q3
    - PoP: 10 years
    - Status: Market Research
    - **Vehicle Integrated Power Kit (VIPK)** looking to achieve a highly mobile, lightweight fast-forming power system with AC/DC microgrid and anti-idle capabilities on the A2. RPP in FY24/25 with production planned FY26/27
- **FMTV Exportable Power Kits (EPK):** NAMC has announced RPP-24-D05 under T&E-24-02. There is no additional information on it at this time, however. Link

FAMILY OF SPECIAL OPERATIONS VEHICLES (FOSOV)

Family of Special Operations Vehicles (FOSOV), U.S. Special Operations Command

- **Program Manager:** Vincent Grizio.
- **NAMC Purpose Built Non-Standard Commercial vehicle (PB-NSCV**) RPP-23-02
    - 3 awards: AM General, Battelle, Navistar Defense

HIGH MOBILITY MULTIPURPOSE WHEELED VEHICLES (HMMWV)

High Mobility Multipurpose Wheeled Vehicles (HMMWV): Under PEO CS&CSS

- **Product Director: Aaron Hart** aaron.d.hart.civ@army.mil
- **Prime**: AM General
    - Venture fund, KPS Capital Partners, acquired AM General from an affiliate of MacAndrews & Forbes Incorporated.
    - ARNG Modernization Program Budget Request was $0 but allocated $120M.
- **LTV Focus Areas:**
    - Safety upgrades (ABS/ESC Systems)
    - High Mobility Multi-purpose Wheeled Vehicle Fleet Management through 2050+
    - Modernization Over Time (Improve system without significant cost increases)
    - Maintain fleet performance in Sustainment
- **LTV Upcoming Opportunities: FY24-25**
    - Leverage AM General JLTV efforts.
    - Adopt more commercial components.
    - Drive production costs down through Value Engineering Change Proposal efforts
    - Adopt commercial capabilities (hybrid electric, driver assistance systems, etc.)
- **The hybrid Humvee OTAs**, awarded to Gale Banks Engineering in Azusa, Calif. and Michigan Technological University in Houghton, Mich., run for 18 months. RCCTO said that testing began in September 2023 and will finish in December 2024.

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INFANTRY SQUAD VEHICLE (ISV)

Infantry Squad Vehicle (ISV): Under PEO CS&CSS. The ISV is an all-terrain troop carrier for nine infantry squad soldiers and their associated equipment. The vehicle has a payload requirement of 3,200 pounds and a maximum weight of 5,000 pounds. It is also required to be transportable on a CH-47 Chinook helicopter and airdropped by C-17 and C-130 aircraft.

- **Product Director, Ground Mobility Vehicle (GMV which includes ISV)** John Hufstedler john.c.hufstedler.civ@army.mil
- **Solicited through NAMC** RPP 19-07
- **Contract:** W56HZV-20-R-0020
- **AAO:** 2,065 ISV's
- **Prime:** GM Defense Link
- ISV Full Rate Production / Fielding / SFAB Planning
- A-GMV 1.1 Sustainment Strategy / Divestiture
- **Focus Areas:**
  - Production/Fielding, Security Force Assistance Brigades (SFAB) Planning, Integration Efforts, and Transition to Organic Sustainment
- **Upcoming Opportunities: FY24-25**
  - Continue production, fielding, and support configuration changes based on new emerging requirements (SFAB)

JOINT ASSAULT BRIDGE (JAB)

- **PdM Mr. Christopher Upton:** Christopher.m.upton.civ@army.mil
- 1QFY25 Request for Proposal (RFP) release
- From MDEX: "For Bridging, we're currently conducting market research for the JAB, for a competitive follow-on production contract awarding in FY25. We've got a significant amount of FMS demand for our bridging programs which our depot & OEM partners may need help from second & third tier suppliers to fulfill. We are also interested in an increased weight capacity of Military Load Classification (MLC) 120 on existing bridging systems to accommodate gap crossings for heavier tanks. Recently, the Heavy Assault Scissor Bridge was upgraded from MLC 85 to MLC 115 and we are currently pursuing an Engineering Change Proposal to achieve MLC 120. We'll be looking to do the same for systems like the Improved Ribbon Bridge and the Dry Support Bridge. Our approach is to test the existing capability to determine if it can achieve the heavier MLC rating before pursuing a modification or new system to close the capability gap. Currently we are testing the Improved Ribbon Bridge followed by the Dry Support Bridge. If modifications or new systems are required, we will pursue these efforts in the 2024 timeframe. The higher MLC needs are driven by weight growth of the Abrams as well as other user requirements and we'd like to get to MLC 120. Similarly, we're interested in lighter weight bridges, whether it be from lighter weight composite or metal materials, new ways of joining dissimilar materials, or designs that optimize stronger materials for high stress bridge regions with lighter weight materials at regions of lower stress. As with many other capabilities, the Army continues to remove the Soldier from harm's way by automating where possible. Bridging users are asking for Autonomous Bridge Launch capabilities for our existing bridges – the goals would be to reduce bridge deployment time duration without increasing crew size, and to enhance soldier survivability by taking soldiers farther from danger – or removing them from direct involvement in bridge launch and retrieval.

JOINT LIGHT TACTICAL VEHICLE (JLTV)

Joint Light Tactical Vehicle (JLTV): Under PEO CS&CSS.

- **The Joint Light Tactical Vehicle (JLTV) Family of Vehicles** is a U.S. Army-led, Joint-service program designed to replace a portion of each Service's light tactical wheeled vehicle fleets while closing existing capability gaps.
- **Program Manager**: Mark McCoy; mark.w.mccoy10.civ@army.mil
- **DPM** Chris Brouwer; **DPM (USMC)** Jennifer Moore
- **PdM Vehicle Systems**: LtCol Christopher Stephenson (USMC) christopher.a.stephenson6.mil@army.mil
- **PdM Systems Integration:** Munira Tourner munira.h.tourner.civ@army.mil
- **Original Contract Prime**: Oshkosh Defense, LLC. Oshkosh plans to produce JLTV's into 1QFY25 and support those JLTV for years following.
- **Prime JLTV A2: AM General** - Follow-On Contract (W56HZV-20-R-0072) Link

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- "A2" variant, an updated version of the vehicle that remains mostly unchanged but incorporates a new engine (a new Banks Power V8 turbodiesel) and alternator, reconfigured rear cargo space and a revised electrical architecture. That architecture now includes lithium-ion batteries that will allow it to run communication equipment, its HVAC system, and to export electrical power silently without the need to idle its turbodiesel as it does so.
- A smart-power distribution system will reportedly be capable of identifying when the battery level drops below a certain threshold and then turn on the engine to re-charge the batteries. The integrated batteries will not be used to supply motive power, meaning the A2 is not a hybrid. The new tech aside, a high degree of commonality and parts interchangeability will remain, meaning the A1 and A2 can support each other in the field.

- **JLTV Focus Areas:**
  - JLTV A2 Contract / Next Generation Vehicle Architecture
  - Manufacturing Readiness Assessments in 2QFY24
  - First vehicle deliveries in Aug 2024 followed by Gov't test events to support A2 material release in Apr 2026 (e.g., live fire, reliability and maintenance, and logistic assessments)
  - Network Modernization and Fielding's
- **JLTV Upcoming Opportunities: FY24-25**
  - Hybrid JLTV (RCCTO)
  - Ongoing vehicle hybridization studies and assessments
  - Ongoing Technology / Capability, primarily through System Technical Services
  - JLTV Specific Shelter (Ambulance and C2 On the Move)
  - JLTV-T Integration: Assault Kitchen, Generators (customer driven)
  - JLTV A2 Foreign Military Sales
  - Address 1/11th Airborne in-process operational needs statements for operation and sustainment in austere, extreme cold weather (ECW) environments
- **JLTV Hybrid Electric Vehicle (HEV):** The hybrid JLTV effort is being led by MATBOCK, LLC., a small business company located in Virginia Beach, Va. This effort is being led by RCCTO. W56JSR-18-S-0001_HMMWVandJLTV_HEV Link
  - Joint Program Office Joint Light Tactical Vehicle (JPO JLTV) **Hybrid Electric Vehicle (HEV) Market Survey**: This is the U.S. Army's Market Survey for a projected new production effort of a light tactical wheeled hybrid-electric vehicle (HEV) with the intent to gain industry feedback on the technical performance requirements (Attachment A) developed. The HEV is envisioned to be a new propulsion system design for light vehicle platforms. Link

MEDIUM TACTICAL TRUCK (MTT) / MTVR

Medium Tactical Truck (MTT) / MTVR: USMC Program

- **Phase I:** development of the Medium Tactical Truck program. This pivotal phase, spanning an estimated 12 months, will see the performers leveraging the Corps' top-level requirements to submit innovative design concepts and comprehensive project plan for Phase I. The Medium Tactical Truck is slated to replace the existing Medium Tactical Vehicle Replacement fleet, including Cargo, Dump, Wrecker, Tractor, and Re-Supply Variants. The focus of the competitive prototype phase will be on the Cargo variant. Link
  - **Mack Defense**
  - **Navistar Defense**

M10 BOOKER (AKA MPF)

M10 Booker: Will deliver mobile, protected direct fire capability to Infantry Brigade Combat Team's (IBCT) that are able to apply lethal and sustained long-range fires to armored vehicles, hardened enemy fortifications and dismounted personnel. IBCT currently lacks a mobile, protected, long range and precision firepower capability.

- **Project Manager**: Dave Dopp
- **Product Manager**: LTC Peter George
- **ACC-DTA MPF / M10 Booker** Ms. Shannon Jewell – All contracting actions are non-competitive.
- **Prime:** GDLS.
- **General Dynamics Land Systems Inc.**, Sterling Heights, Michigan, was awarded a $296.8M cost-plus-fixed-fee contract for M10 Booker system technical support. Link

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- **GDLS MPF / M10 Booker Director**: Kevin Vernagus
- **Deputy Program Manager,** Mobile Protected Firepower Program: Matthew Giacona
- **Contract:** W56HZV18R0001: Under the contract, GDLS will be committed for 96 vehicles. The Army will buy 26 MPF / M10 Bookers in the first lot, according to MG Dean, PEO Ground Combat Systems.
- **First Unit Equipped (FUE):** The Army expects delivery of the first LRIP systems by 2024, and fielding of the First Unit Equipped (FUE) battalion of 42 M10 Booker combat vehicles in the 4QFY25. FUE location is Fort Liberty, NC
- **AAo:** 504 vehicles, (14 MPFs per IBCT), three initial options of 26, 28, and 42. Most of the procurement should be finished by 2035. Under current Army plans, four MPF battalions are to be fielded by 2030, with the bulk of the planned acquisition scheduled to be completed by 2035.
- **Overview:**
  - Lethality: Equipped with a 105mm primary weapon and a 7.62mm secondary weapon.
  - Survivability: Designed to withstand direct fire & protect against threats from overhead, underbody, & sides.
  - Mobility: Offers sufficient speed and mobility with pivot steer to support military formations1.
  - Transportability: Can transport two M10 Booker vehicles on a C-17 aircraft2.
  - Commonality: Shares significant components with the Abrams tanks.
- **Acquisition:**
  - Jun 22: Milestone C / Low-Rate Initial Production (LRIP)
  - Contract Award to General Dynamics Land Systems (GDLS)
  - 1QFY23: LRIP 1 Production Started
  - Jun 23: LRIP 2 Award
  - 1QFY24: LRIP 1 Deliveries
  - 4QFY24: IOT&E
  - FY25: FUE
- **Full Rate Production Contract:** Requirement: FY25-30 Full Rate Production Contract to produce an estimated 266 M10 Bookers Vehicles. Refurbish an estimated 31 M10 Booker Vehicle Test Assets, and ancillary services supporting production.
  - **Projected Value:** $3.44B
  - Projected Solicitation: 3QFY24
  - Projected Award: 3QFY25

M88 RECOVERY VEHICLE

M88 FOV Variants: M88A1 – 1977, Previous AAO = 237, M88A2 HERCULES – 1995, Previous AAO = 933, M88 FOV - New Combined AAO = 1170

- **M88A2 Hercules Improved Recovery Vehicle:** PEO GCS. Its primary role is to repair or replace damaged parts in fighting vehicles while under fire, as well as to free combat vehicles that have become bogged down or entangled. The HERCULES essentially is an armored tow truck for the battlefield. Its main winch is capable of a 70-ton, single line recovery, and a 140 ton 2:1 recovery when used with the 140-ton pulley.
  - **Prime:** BAE Link
  - **Product Manager**: Benton Gady
- **M88A3**
  - New 1359 hp Liquid Cooled V12 JP-8 Engine
  - New Transmission & Final Drives
  - Safe, single vehicle recovery for 80 Ton MBT
  - Addition of 7th Road Wheel
  - New Track
  - New Hydro-Pneumatic Suspension with lock- out
  - Developmental OTA Aw ard: 13 Sep 2019
  - First Prototype anticipated: Jul 2023
  - Projected Production Award: 2QFY25
  - First Unit Equipped: 3QFY27

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PALADIN

PALADIN: PdD Branden Drake: Strategy in development to establish a 2nd Source for the manufacturing of the M284 155mm cannon tube and breech. A Request for Information (RFI) is planned for release in 2024 with a Request for Proposal (RFP) to be released in 2025.

- Block Modernization 4 upgrades for self-propelled howitzer systems, which include:
- Upgrades: Introduction of a vertical ammo cover, redesign of the driver's seatbelt and hatch, and stowage for a CAT crowbar.
- Competition: The project is set aside for small businesses.
- Financials: The projected value of the upgrades is less than $21M.
- Timeline: Solicitation is projected for the third quarter of FY25, with an award expected in the first quarter of FY26.
- Duration: The period of performance (PoP) is expected to be over three years.
- Current Phase: The status is currently in the manufacturing phase.
- Contacts: The effort is supported by PEO GCS and PM SPHS.

PDM EXTENDED RANGE CANNON ARTILLERY (ERCA)

ERCA is the Army system that extends range, improves lethality, and then increases the rate of fire for self-propelled howitzers. The Army moved ERCA out of rapid prototyping efforts and into the major capability acquisition pathway now that work on both efforts is expected to exceed the five-year deadline, the Government Accountability Office

- **ERCA: LTC Todd Mueller:** Block Modernization 4 upgrades for self-propelled howitzer systems, which include:
  - Upgrades: Introduction of a vertical ammo cover, redesign of the driver's seatbelt and hatch, and stowage for a CAT crowbar.
  - Competition: **The project is set aside for small businesses.**
  - Financials: The projected value of the upgrades is less than $21M.
  - Timeline: Solicitation is projected for the third quarter of FY25, with an award expected in the first quarter of FY26.
  - Duration: The period of performance (PoP) is expected to be over three years.
  - Current Phase: The status is currently in the manufacturing phase.
  - Contacts: The effort is supported by PEO GCS and PM SPHS.
  - **RPP Award** (Tentative) 29 May 2024
  - **Performance Demo:** Summer 2024
  - Actions are being coordinated through NAMC. All inquiries may be sent to: Robyn Holmes, at robyn.f.holmes.civ@army.mil or Questions@NAMConsortium.org with the subject "Self-Propelled Howitzer System Questions"
  - Link to announcement at SAM.gov: Link

PDM PALADIN INTEGRATED MANAGEMENT (PIM)

PdM Paladin Integrated Management (PIM): The Paladin/Field Artillery Ammunition Support (FAASV) Integrated Management (PIM) Self-Propelled Howitzer (SPHS) is an indirect fire weapon system with the ability of delivering accurate, long range, lethal and non-lethal cannon fires in support of both Combined Arms Maneuver (CAM) and Wide Area Security (WAS) operations. A PIM set consists of the M109A7 Self-Propelled Howitzer and the M992A3 Carrier, Ammunition Tracked (CAT).

- **PIM Lead:** Branden Drake

PURPOSE BUILT NON-STANDARD COMMERCIAL VEHICLE (PB-NSCV)

Purpose Built Non-Standard Commercial Vehicle (PB-NSCV): NAMC RPP-23-02. NAMC POC: Jessica Sierakowski Link

- **The purpose of RPP was to solicit Firm Fixed Price (FFP)** proposals for the development of one (1) Purpose Built Non-Standard Commercial Vehicle (PB-NSCV) SUV-Truck production representative prototypes, with testing support and spare replacement parts. This project will increase force protection and reliability/repairability of vehicles with commercial appearance in support of irregular warfare and internal deterrence in addition to counter-Violent Extremist Organization (VEO), as well as meeting mission needs for other Government agencies.
- **The Government awarded contracts to** AM General, Battelle and Navistar Defense. Four proposals were received.

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ROBOTIC COMBAT VEHICLE (RCV)

Robotic Combat Vehicle (RCV): The RCV initiative is run by the Next Generation Combat Vehicle Cross-Functional Team and Program Executive Office Ground Combat Systems. RCV is a program in the NGCV CFT portfolio and PEO GCS and one of the Army's priority modernization programs. The Army initially envisioned a family of RCVs broken into light, medium and heavy variants. It has since decided to field just one robotic vehicle type which pairs some of the elements of the previous RCV medium concept with an RCV light chassis.

- **RCV Product Manager:** Steve Herrick
- **Budget:** For fiscal 2025, the Army is requesting $93M for research, development, testing and evaluation for the RCV initiative. It plans to spend about $140M per year on RDT&E for the initiative through the remainder of the five-year planning period known as the future years defense program, according to budget documents.
- **RCV Software Acquisition Pathway (SWP):** RCV SWP will deliver software for RCV platform, control station, and payload control based on ROMA CNS. A "minimum viability capability release" was delivered by GVSC in March 2024, the first capability release (CR1) in 2025, CR2 release in 2026, and CR3 in 2027.
    - **Anduril, Palantir awarded contracts for Army robotic combat vehicle software system integration:** The Pentagon's Defense Innovation Unit has awarded contracts to Anduril Industries and Palantir Technologies for developing software architectures to support the Army's Robotic Combat Vehicle (RCV) program. These efforts are focused on enhancing unmanned platforms for intelligence, surveillance, and reconnaissance missions. Key participants include McQ, Textron Systems, General Dynamics Land Systems, and Oshkosh Defense for vehicle prototyping, and other vendors like Forterra and Kodiak Robotics for autonomous navigation. Link
- **CDD**: TBD; working off approved A-CDD and SWP CNS
- **Latest CRS Report**: Link
- **Selection of Companies for Prototypes:** McQ, Textron Systems, General Dynamics Land Systems and Oshkosh Defense have been tapped by the Army for phase one of a vehicle prototyping effort. Link
- **RCV Procurement Strategy:** RCV will follow a multi-phase procurement strategy. Develop, deliver, and test a RCV Common Chassis prototype in the Base RCV Configuration with a goal to transition to rapid fielding in FY27. DIU also awarded deals to four autonomous navigation vendors — Forterra, Kodiak Robotics, Neya Systems and Overland AI — and two machine learning and autonomy pipeline vendors, Applied Intuition and Scale AI. Now, Anduril and Palantir have been selected to participate in the initiative as software system integrators, the unit said in a release.
- **Phase I:** Platform Prototype Design and Build: Phase I Platform Prototypes: 4QFY23 – 2QFY25; planned award under Ground Vehicle Systems OTA
- **Phase II**: Full System Prototype (FSP) Design and Build. 2QFY25 – 2QFY27; planned award under Detroit Arsenal Innovation OTA
- **Award up to one (1) prototype task assignments** as a result of the Phase I test analysis and Phase II proposal evaluation.
- **Scope of work includes a Critical Design Review** and delivery of 9 FSPs for developmental testing (ATC, YTC and WSMR) and a Prototype Operational Demonstration / Soldier Touch Point (Location TBD)
- **Draft PH II RPP and Q&A Released –** October 2023, January 2024, and March 2024
- **Phase III**: A follow-on production decision will be announced in FY 2027 after further performance, reliability, and user testing. The first unit fielding is anticipated for FY 2028.

SMALL MULTIPURPOSE EQUIPMENT TRANSPORT

Small Multipurpose Equipment Transport (SMET), transitioning to S-MET (Inc II), from S-MET Middle Tier Acquisition (Inc I), represents necessary increased requirements for kinetic, cyber, and electromagnetic survivability, and new requirements for open payload architecture, Modular Mission Payloads, and increased reliability. S-MET represents a materiel solution for high-risk capability gaps associated with excessive physical burdens, recharging batteries during continuous operations, and reducing sustainment burden for semi-independent operations. The S-MET capability reduces Soldier load and enhances small unit combat effectiveness by reducing fatigue and injury caused by excessive physical loads, shifting the burden to the robotic platform.

- **Product Manager Robotic and Autonomous Systems (PdM RAS)** Kent shea
- **NAMC RPP 24-D06**
- From MDEX: On the SMET front, we anticipate the Army approving a CDD requirement for SMET Increment II as soon as the end of this April. SMET Inc II will build upon the Inc I requirements for a more capable and advanced SMET

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system, hardened for military operational survivability & suitability requirements, allowing for future capability growth through integration of Modular Mission Payloads.

STRYKER

Stryker: The Stryker is a family of eight-wheeled combat vehicles based on the Canadian LAV III 8x8 light armored vehicle. The M-1126 Stryker saw its first combat service in October 2003 during Operation Iraqi Freedom.

- **PM** Cliff Boyd, under PEO GCS; clifton.j.boyd.civ@mail.mil
- **Deputy Project Manager**: Jennifer Johnson
- **PdD Production & Variant Management**: Link
- **PdM Stryker Future Operations**: Link
- **Prime:** GDLS & GDLS-Canada
- **GDLS POC** is Wendy Staiger.
- **AAO** = 4,152. Total Built approx. 4,900.
- **Future functionality and capabilities sought for the Stryker vehicle systems:**
  - **Open Architecture:** Scalable design to accommodate future upgrades.
  - **Counter UAS (CUAS):** Systems to defend against unmanned aerial systems.
  - **Alternative Energy/Hybrid Energy:** Integration of alternative and hybrid energy sources for enhanced efficiency.
  - **Signature Management:** Technologies to reduce detectability.
  - **Robot Integration:** Incorporation of robotic systems for various operational purposes.
  - **Enhanced/Integrated Add on Armor:** Improved armor solutions for increased protection1.
  - Vehicle Protection: Systems for both kinetic and non-kinetic threat defeat2.
  - **Mission Command-On the Move:** Capabilities for command and control while mobile.
  - **360-Degree Awareness:** Comprehensive situational awareness around the vehicle.
  - **Mission Equipment Packages (MEPs):** Modular equipment sets for specific mission requirements.
  - **Summary:** The focus is on enhancing the Stryker vehicles' adaptability, survivability, and operational effectiveness through advanced technologies and modular systems.
- **Stryker Production:**
  - **Requirement:** Production of Stryker vehicles in the DVH A1 configuration.
  - Competition: Sole source at the prime contractor level; possible sub-contractor competition
  - Projected Value: $8.85B
  - NAICS: 336992
  - Projected Solicitation: FY24Q4
  - Projected Award: FY26Q2
  - PoP: 10 years
  - **Status:** Pre-Solicitation
  - **Supporting PEO/ PM POC: PEO-GCS** Lawrence Winkelman; lawrence.z.winkelman.civ@army.mil
  - **ACC-DTA POC**: Joseph Felice; joseph.a.felice5.civ@army.mi.
- **Stryker FMS Program Manager**: erich.l.buchler.civ@army.mil
- **How the US Army botched a $1B upgrade of the Stryker armored vehicle's gun: The** US Army moved fast to arm its Stryker armored vehicles with a powerful autocannon; the 30mm gun would even the odds with Russian and Chinese troop carriers. But the Army put in a large order before ensuring the first turrets worked properly. Link
  - Fearing that its Stryker armored vehicles were outgunned by Russian and Chinese designs, the US Army had an idea for a quick fix: Develop an unmanned Stryker turret with a 30-mm autocannon. But cutting corners in the $1B project has led to hardware and software issues that mean the more lethal Stryker's won't be available until at least the end of 2024, a year later than scheduled. "In prioritizing cost savings and rapid fielding, the Army assumed additional production risks because it did not follow sound acquisition practices," according to a Government Accountability Office report.

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XM30 MICV

- **XM30 MICV (Formerly Optionally Manned Fighting Vehicle (OMFV):** XM30 is a mechanized, minimally manned, and open architected combat vehicle that maneuvers Soldiers to a point of positional advantage to engage in close combat and deliver decisive lethality during the execution of combined arms maneuver, while also controlling maneuver robotics and semi-autonomous systems. It is designed to operate with, and may operate without, a crew and Soldiers under armor based on the commander's decision.
- **Program Manager, XM30 Combat Vehicle** COL Jeff Jurand.
- **Deputy PM:** Bruce Rogers
- **ACC-DTA POC:** James Giacchina; james.j.giacchina.civ@army.mil
- **Phases:**
  - **Current Phase:** Phase 3 & 4 Solicitation: W56HZV-22-R-0026. ARV & GDLS awarded contracts for Detailed Design, Prototype Build and Test (JUN2023 – DEC2027)
  - **Phase 5:** Down Select to single contractor in FY28. Conduct Low-Rate Initial Production (LRIP) leading to First Unit Equipped (FUE) and a Full Rate Production (FRP) decision. Limited competition request for proposal planned for Q4FY26
  - Projected Solicitation: 4QFY26
  - Projected Award: Q2FY28
  - PoP: >5 year
- **The Teams:**
  - **General Dynamics Land Systems** with GM Defense, Applied Intuition, a specialist in modeling and simulating autonomy for the automobile industry, and AeroVironment, which is providing its Switchblade loitering munitions for integration into the design. The company also continues to work with General Dynamics Mission Systems to incorporate networks, radio gear and cyber capabilities into the design.
  - **American Rheinmetall Vehicles** working with Anduril, Textron, RTX, L3Harris Technologies and Allison Transmission, as it did in the previous concept design phase.
- **GCS Open Architecture:** In parallel to the concept design phase, the Army is developing an open architecture for XM30. Opportunities for industry to voluntarily be involved in the GCIA Modular Open System Architecture (MOSA) Objective Architecture Working Group. GCIA v2.0 has been completed but this working group is expected to help shape the direction of the architecture as it matures. This is the venue to recommend changes and introduce new concepts. For more information and to participate in the GCIA development working groups, join the NAMC MOSA COI. Communities of Interest | NAMC (namconsortium.org) NAMC POC is Lindsay Bayles.

ROBOTIC AND ARTIFICIAL INTELLIGENCE PROGRAMS

ARTIFICIAL INTELLIGENCE

- **Department of Defense's Chief Digital and Artificial Intelligence Office (CDAO)** is the senior official responsible for the acceleration of the DoD's adoption of data, analytics, and AI to generate decision advantage across, from the boardroom to the battlefield. Link
  - Dr. Craig Martell, Chief Digital and Artificial Intelligence Officer
- **President Biden's Executive Order on AI:** The U.S. Department of Commerce has announced new actions to implement President Biden's Executive Order on the safe, secure, and trustworthy development of AI. The National Institute of Standards and Technology (NIST) has issued four draft guidance documents aimed at enhancing AI system safety and security and has initiated a challenge series to develop methods to distinguish between human and AI-generated content. Additionally, the U.S. Patent and Trademark Office (USPTO) is seeking public feedback on how AI impacts patent evaluations. Link
  - Key initiatives include:
    - NIST Publications: Two publications focus on managing generative AI risks and securing software against malicious data. Another seeks to promote transparency in digital content, and the fourth outlines a global AI standards development plan.
    - Public Feedback: USPTO requests comments on AI's influence on patent evaluations, specifically regarding prior art and skill level assessments in the arts.
  - These measures highlight the Commerce Department's commitment to fostering responsible AI innovation and maintaining technological leadership. All documents are in the draft phase, with public comments invited to refine these before finalizing later this year.

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- **Project Linchpin:** The U.S. Army is advancing Project Linchpin, an initiative aimed at developing artificial intelligence (AI) and machine learning (ML) operations for intelligence, cyber, and electronic warfare sensor systems. Scheduled to start awarding contracts in fiscal 2024, the project seeks to create an efficient AI and ML development and delivery operational pipeline. Despite the ambitious goals, officials express caution, emphasizing the need to manage the project's scope carefully to address specific problems and datasets without overextending in its initial iteration.
    - **Army rethinks its approach to AI-enabled risks via Project Linchpin:** Three senior defense officials provided the latest update on the Army's first-ever AI program of record. Link
- **Department of Commerce Announces New Actions to Implement President Biden's Executive Order on AI:**
- **AI Social Media & Related Links**
    - LinkedIn
    - Twitter
    - Data.gov
    - Defense Digital Service
    - DoD Open Government
    - Federal CDO Council
- **NSA Shares Best Practices for Secure AI:** The National Security Agency issued a cybersecurity information sheet to share best practices for deploying secure and resilient AI systems. The guidance marks the first release from the NSA's Artificial Intelligence Security Center, which the agency stood up last year to promote the secure development, integration, and adoption of AI technologies within national security systems and the Defense Industrial Base. Link
- **AI Procurement Guidance Coming This Month:** The US government's primary procurement arm will add generative artificial intelligence guidance for agencies' purchases, General Services Administration Chief AI Officer Zach Whitman said. Generative AI procurement information will be added to GSA's IT category management market group starting April 27, Whitman said at the April 18 AITALKS event in Washington. Link
- **Army may swap AI bill of materials for simpler 'baseball cards':** The U.S. Army is considering replacing its complex AI Bill of Materials with simpler "baseball cards" that offer key information at a glance. This change aims to streamline the understanding and deployment of AI systems by providing essential data in a more accessible format. The "baseball cards" would detail critical elements such as AI system capabilities, data requirements, and operational parameters. This initiative reflects efforts to enhance transparency and ease of use for AI technologies within military applications. Link
- **Air Force looks to industry to provide AI 'toolkit' for cloud-based C2 capability:** The Air Force is expanding its outreach to contractors to explore how different automation and AI technologies could be integrated into its command-and-control modernization efforts. Link

UNMANNED AIR

- **Product Lead, Soldier Unmanned Aircraft Systems at PEO Aviation, PM UAS**: Carson Wakefield
- **Unmanned Aircraft Systems:** COL Danielle Medaglia
    - The mission at the PM UAS Project Office is to revolutionize the battlefield by delivering uncrewed weapons systems that extend our combat commanders' operational reach. Our organization's motto is "Never a fair fight!" By that, we mean it is not going to be fair for the enemy. UAS give our units the operational advantage they need to fight and win on today's and tomorrow's battlefields.
- **The U.S. military currently employs several different large UAS, including:**
    - Army's MQ-1C Gray Eagle
    - Air Force's MQ-9 Reaper
    - Navy's MQ-25 Stingray
    - Air Force's RQ-4 Global Hawk
    - Navy's MQ-4C Triton
    - Air Force's RQ-170 Sentinel
- **US Army chooses Textron Systems and Griffon Aerospace in final showdown for FTUAS**: The US Army plans to procure a Future Tactical UAS (FTUAS) to replace the Textron Systems RQ-7Bv2 Shadow tactical UAV currently in service with the US Army's Brigade Combat Teams (BCTs). The FTUAS is being developed under the wider Future UAS (FUAS) program. US Army chooses Textron Systems and Griffon Aerospace in final showdown for FTUAS US Army chooses Textron Systems and Griffon Aerospace in final showdown for FTUAS British Army's Challenger 3 undertakes qualification firings in Germany British Army's Challenger 3 undertakes qualification firings in Germany. Link

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- Griffon Aerospace and Textron systems have been selected for the final two competition stages to meet the US Army's FTUAS requirement which will see the companies conduct flight demonstrations before providing production representative prototypes for final evaluation. The Textron's Aerosonde Mk.4.8 HQ UAS and Griffon Aerospace FVR-90 were selected after the completion of Option 1, which culminated in a preliminary design review, and Option 2, which ended with a critical design review to establish prototype baseline.

- **Army heads into competitive flight demos for future tactical drone:** The Army has awarded contracts to two companies to continue on in a competition to provide a Future Tactical Unmanned Aircraft System. Link
- **F-16s arrive at Eglin to be modified with self-flying tech:** The Air Force hopes its Venom experiments will allow it to more quickly develop self-flying drone wingmen known as CCAs. Link
- **US Air Force stages dogfights with AI-flown fighter jet:** The Air Force hopes that teaching AI to dogfight -- perhaps the hardest flying style to master -- will make it easier to autonomously fly other missions. Link

UNMANNED WATER VESSELS

- **PMS 394:** The Navy's program office for advanced undersea systems. Falls under Naval Sea Systems Command
- **Vampire at sea:** L3Harris eyes maritime version of counter-drone system: L3Harris is taking early steps to create a maritime version of its Vampire counter-drone system that could deploy on a small unmanned surface vessel. Link
- **Northrop completes Manta Ray underwater drone prototype**: An image — darkened along the edges and sporting a sparse backdrop — shows its glider-like body and a rounded nose. Little can be seen of the tail. Link
- **Anduril, South Korean shipbuilder HD Hyundai announce new partnership for autonomous systems:** US Navy Secretary Carlos Del Toro has praised South Korean shipbuilders such as HD Hyundai at recent events, encouraging more participation with US industry. Link
- **Meet an autonomous underwater drone you can fit in a backpack:** Looking to make underwater autonomous drones smaller and able to be launched by a single operator, Advanced Navigation shows off the Hydrus. Link

GROUND VEHICLE ROBOTICS

- **CoVeR Increment 5:** NAMC RPP-23-04 Link
  - The intent of this project is to develop and integrate technologies that enable scalable integration of multi-domain robotic and autonomous systems. These capabilities will be teamed with Army formations and support all combat warfighting functions, such as close combat, reconnaissance, targeting and acquisition.
  - The RPP and its 10 attachments can be found under Project Documents, within the RPP folder on NAMC website.
  - 2 awards: GS Engineering ($499K), Soar Technology ($2.2M). NAMC POC: Jessica Sierakowski: jessicas@namconsortium.org

  Common Robotic System-Heavy (CRS-H): CRS-H is a large vehicle-transportable, common robotic platform capable of accepting various mission payloads. It enhances Explosive Ordnance Disposal (EOD) Soldier protection by providing increased standoff to identify, render safe, and dispose of explosive ordnance and improvised explosive devices. They completed CRS-H fielding in September.
- **Anduril to supply robotic combat vehicle software to US Army:** The U.S. Army and Defense Innovation Unit selected Anduril Industries to develop a software framework thought foundational to testing and deploying future robotic combat vehicle payloads. Link

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SERVICES

There are six service branches of the U.S. Armed Forces.

AIR FORCE

The Air Force is part of the Department of Defense. It is responsible for aerial military operations, defending U.S. air bases, and building landing strips. Its service members are airmen. The reserve components are Air National Guard & Air Force Reserve.

- **Active duty warrant officer corps:** The Air Force opened applications to join its first active duty warrant officer corps in nearly 45 years as the service seeks to ramp up its technical and operational expertise in cyber and information technology operations. Link
- **Air Force-tested software prints drones in 48 hours or less:** The Air Force's tech group in the Middle East recently tested software that lets it quickly print air drones capable of delivering first aid to injured troops, the service said. Link
- **Air Force to get a head start on GPS, target tracking efforts:** The service's first two Quick Start efforts involve boosting GPS resilience and advancing moving target indication capabilities. Link

ARMY

The Army is part of the DOD and is the largest of the military branches. It manages significant ground combat missions, especially operations that are ongoing. Army Special Forces are called Green Berets for their headgear. The Army's members are its Soldiers. The reserve components are the Army Reserve and Army National Guard.

- **Project Convergence: (see Army Futures Command) Table of Knowledge** acts as think tank for Project Convergence - Capstone 4. Created in 2022, PC-C4's Table of Knowledge
- **US Army's next-gen helicopter engine could fly in Black Hawk next year:** The U.S. Army's next-generation helicopter engine is projected to hit the skies early next year, powering a UH-60M Black Hawk, according to the service and industry representatives involved in the program. **Link**
- **Next Generation Squad Weapon and optic exceed soldiers' expectations:** The first soldiers to field the Army's newest rifle and automatic rifle began live-fire training with the weapons this week, including demonstrations on how the new round can penetrate barriers to strike targets. Link
- **Army cancels planned award for electronic warfare management tool:** The move stemmed from changes in requirements and overall program strategy for the EWPMT, according to a program office spokesperson. Link
- **KBR Awarded $771M Contract to Continue US Army Support:** KBR has been awarded a $771M contract to continue to support the US Army Northern Command and European Command under the Logistics Civil Augmentation Program V contract, according to a Monday news release. KBR will provide life support, equipment readiness, training, and supply chain solutions to the US Army, said the company. The organization provides contingency operations, humanitarian support, facility management, life-cycle asset management, and integrated supply chain solutions. Link
- **Army Announces New $50B IDIQ: ACCESS Merges RS3 and ITES:** The Army is seeking to consolidate two of its major contracting vehicles into a single super contract, the Army Contracting Command's Enterprise for Sourcing Services (ACCESS). ACCESS would channel $50B into the defense sector over the next decade, offering opportunities for vendors in professional and IT services. Link
    - The Army is considering creating ACCESS to merge the $37.4B Responsive Strategic Sourcing for Services (RS3) and the $12.1B Information Technology Enterprise Solutions 3 Services (ITES-3S) contract.

MARINES

The Marine Corps is part of the DOD. It provides land combat, sea-based, and air-ground operations support for the other branches during a mission. This branch also guards U.S. embassies around the world and the classified documents in those buildings. Marine Corps Special Operations Command (MARSOC) members are known as Raiders. All service members are called Marines. The reserve component is the Marine Corps Reserve.

- **Marine Corps delays 1st deployment of new heavy-lift helicopter to 2026:** The Corps previously had planned to deploy the King Stallion with a Marine expeditionary unit in 2025. Link

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- **Three firms will vie for Marines' $249M loitering-munitions buy:** The Organic Precision Fires-Light contract aims to get the weapons to infantry units by 2027. Link

NAVY

The Navy is part of the DOD. It protects waterways (sea and ocean) outside of the Coast Guard's jurisdiction. Navy warships provide the runways for aircraft to land and take off when at sea. Navy SEALs (sea, air, and land) are the special operations force for this branch. All service members are known as sailors. The reserve component is Navy Reserve.

- **Lawmakers push for two submarines despite US Navy seeking just one:** (Defense News) A House panel has made clear it wants the Navy to buy two attack submarines in fiscal 2025 in order to keep the submarine-industrial base on a path of recovery, despite the service requesting just one. Link
- **The Navy's plans to cut one of the Virginia Class submarines**, and other cuts to its shipbuilding procurement—a decrease of 3.4% from the fiscal 2024 procurement funding—would "exacerbate challenges" facing the service and the industrial base, warns Rep. Joe Courtney (D-Conn.), the ranking member of the House Armed Services Seapower and Projection Forces subcommittee, in an April 16 memo. He raised the subject at an April 17 budget hearing as well. Read More
- **Delivery of the US's first Columbia-class nuclear-missile submarines** will be delayed by as much as 16 months, stemming from contractor delays in delivering the vessel's bow section and power generators, according to an internal assessment by the service. Read More
- **The Navy is "approaching $1B in munitions** that we need to replenish at some point," service Secretary Carlos Del Toro told Senate appropriators during a hearing last week. Read More
- **The US Navy has turned to experimental technology** to protect remote but critical networks against Chinese hackers, signing an $800,000 contract with a small mobile carrier Cape to provide cybersecurity for telecommunication companies based on the island of Guam. Read More
- **Epirus directed energy to face off against vessels in US Navy testing:** U.S. Navy leaders have lamented a lack of directed-energy options as Houthi rebels in Yemen pepper the Red Sea and Gulf of Aden with attack drones. Link
- **Ursa Major to build rocket motor prototype for US Navy:** The Navy awarded propulsion company Ursa Major a contract to prototype and test a solid rocket-motor for the service's Standard Missile program. Link
- **Raytheon to develop two Standard Missile types with better targeting:** The U.S. Navy awarded Raytheon a $344M contract for the development of two Standard Missile variants with a common guidance section that will bring additional targeting capability to the American and foreign fleets. Link
- **Navy to unveil new 'structured piloting' framework for IT modernization:** The move is part of a broader initiative to further digital transformation-enabling practices already garnering small-scale wins in the sea service. Link
- **SECNAV Confirms Amphib Multi-Ship Buy Coming Soon:** The Secretary of the Navy confirmed the government is negotiating a multi-ship procurement of four amphibious ships, with an announcement expected within weeks. Link

SPACE FORCE / SPACE COMMAND/SPACE DEVELOPMENT AGENCY

The Space Force is a new branch, created in December 2019 from the former Air Force Space Command. The Space Force falls within the Department of the Air Force. It organizes, trains, and equips space forces to protect U.S. and allied interests in space and provide space capabilities to the joint force.

- **Chief of Space Operations** General Chance Saltzman
- **LTG Thomas L. James will become** Deputy Commander, United States Space Command, Peterson Space Force Base, Colorado.
- **Space Force Organization:** The USSF Headquarters and Office of the CSO are located in the Pentagon, just like the Army, Navy, Marine Corps, and Air Force. This staff will focus on establishing a fully functioning headquarters; preparing to execute the full scope of its organize, train, and equip responsibilities; and, in conjunction with the U.S. Air Force, developing a detailed plan to transfer forces into the U.S. Space Force. As a new military service, the U.S. Space Force will leverage the Department of the Air Force for more than 75 percent of its enabling functions to significantly reduce cost and avoid duplication. The Department of the Air Force will provide support functions that include logistics, base operating support, IT support, audit agencies, etc.
- **The 2024 DoD Commercial Space Integration Strategy**: The Department of Defense released the 2024 DoD Commercial Space Integration Strategy. In line with the National Security Strategy and the 2022 National Defense

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Strategy, this strategy seeks to align the Department's efforts and drive more effective integration of commercial space solutions into national security space architectures. Link

- **HASC and Space Missions:** House Armed Services Chairman Mike Rogers is backing an Air Force proposal to transfer Guard units tasked with space missions into the Space Force, warning that Guard advocates should not "waste their time" lobbying against the move. Link
- **Space Force considers commercial help for operations**: The Space Force is exploring the idea of using civilians or even contractors to help conduct operations, as the service sorts out how to best manage its small workforce, Chief of Space Operations Gen. B. Chance Saltzman said this week. Link
- **Hundreds of satellites to give military faster tactical comms and data:** The program will add more satellites and capabilities every two years. Link
- **Space Force lays out commercial partnerships plan to speed procurement**: The long-awaited document provides a broad look at the service's vision for a more integrated space architecture, but is light on funding details. Link
- **Space Force picks satellite providers for rapid delivery mission**: The Space Force selected True Anomaly and Rocket Lab to develop spacecraft for its next Tactically Responsive Space mission, dubbed Victus Haze. Link
- **RTX moves away from competing as a prime for space contracts:** COO: "We've got some other strengths in some of the key components that go in the prime satellites and buses." Link
- **Space Force EW unit working to integrate new weapon systems, intel personnel:** The Space Force's Delta 3 is responsible for organizing, training and equipping Guardians for electronic warfare missions involving satellite communications, as well as sustaining related offensive and defensive EW systems. Link

OTHER PROGRAMS

JOINT PROGRAMS

- **JPEO Armaments and Ammunition:** Brigadier General John T. Reim is the Joint Program Executive Officer for JPEO A&A.
- **COL Leon Rogers, Project Manager Combat Ammunition Systems (PM CAS):** develops, produces, and equips Soldiers and Marines with conventional artillery and mortar ammunition, precision ammunition, mortar weapons, and mortar fire control systems.
- **Joint Counter-small UAS Office (JCO):** Army is leading the JCO which is tasked to evaluate and field new technologies for combatting UAS threats in a variety of ways. The office has requirements in place to support selected systems and hosts technology rodeos twice a year to evaluate new technology for possible future integration. December 2019, DOD streamlined the Department's various counter-small UAS (C-sUAS) programs, naming the Army as the executive agent tasked with overseeing all DOD C-sUAS development efforts. On January 6, 2020, the Secretary of Defense approved the implementation plan of the new office, known as the Joint C-sUAS Office (JCO).
    - **Counter UAS:** The Air and Missile Defense Cross-Functional Team is responsible for C-UAS work on requirements to support the development of new and advanced capabilities. AMD's C-sUAS capability development efforts are focused on providing a networked, scalable, and tailorable suite of capabilities to the force commander for mounted, dismounted, fixed and semi-fixed operations. These efforts create a layered defense that incorporates active, passive, and deep sensing to enhance the ability of the Warfighter to integrate C-sUAS capabilities with kinetic and electronic warfare tactics.
        - C-UAS is part of the U.S. Army Combat Capabilities Development Command's six-layer air and missile defense concept, composed of (1) Ballistic, Low-Altitude Drone Engagement (BLADE), (2) Multi-Mission High-Energy Laser (MMHEL), (3) Next-Generation Fires Radar, (4) Maneuver Air Defense Technology (MADT), (5) High-Energy Laser Tactical Vehicle Demonstrator (HEL-TVD), and (6) Low Cost Extended Range Air Defense (LOWER AD).
    - **US needs cheaper ways to shoot down drones, Pentagon acquisition chief says:** after months of shooting down drones over the Middle East, the cost of those interceptions is getting too high. That's according to the Pentagon's chief of weapons procurement, who said that efforts to take out uncrewed aerial systems are now exceeding $100,000 per shot. Link
    - **COL Michael Parent, the lead for the Counter-small Unmanned Aircraft Systems (C-sUAS) group** within the Army's Rapid Capabilities and Critical Technologies Office (RCCTO).
        - Deputy Director, C-sUAS: Sam Ancira

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- **Combined Joint All Domain Command and Control (CJADC2):** The JADC2 Cross-Functional Team (CFT) oversees technical initiatives and the synchronization of actions with U.S. and Mission Partners. A key effort to successfully deliver JADC2 is to synchronize Command and Control (C2) initiatives across all domains (sea, land, air, space, cyber). JADC2 is comprised of many programs and stakeholders. The goal of JADC2 is to find ways to streamline getting information from "sensor-to-shooter" in increasingly complex and digitized combat environments.
- **F-35 Lightning II Joint Program Office**: The F-35 Lightning II Joint Program Office (JPO) leads the life-cycle program management of the F-35A, F-35B, and F-35C; the fifth-generation joint strike fighter (JSF) air system of choice for the U.S. Air Force, U.S. Navy, U.S. Marine Corps, international partners and foreign military sales customers. The mandate of the JPO is to deliver a capable, available, and affordable air system to the warfighter - outpacing key competitors to win tomorrow's high-end fight as we develop, deliver, and sustain war-winning fifth-generation capabilities at high-end fourth-generation costs. Link
    - **LTG. Michael J. Schmidt is the Program Executive Officer for the F-35 Lightning II Joint Program Office** in Arlington, Virginia. The F-35 Lightning II Joint Program Office is the Department of Defense's agency responsible for developing, delivering, and sustaining the F-35A/B/C, the 5th-Generation strike aircraft weapon system for the U.S. Air Force, U.S. Navy, U.S. Marine Corps, seven Cooperative International Partners, and seven current Foreign Military Sales customers. The F-35 Joint Program Office has more than 2,220 personnel located across the U.S. and OCONUS locations and is Department of Defense's largest acquisition program.
    - **Prime: Lockheed Martin**. The F-35 delivers an unrivaled advantage for our pilots, nation, and global partners as the most advanced node in the networked 21st Century Security vision. The F-35 is the National Defense Strategy in action and remains the cornerstone of the U.S. Services Fighters Fleet and allied fleets worldwide. Link
    - **The new projected cost of Lockheed Martin's F-35 fighter jet**—which is already the world's costliest weapons program—through 2088 will be $1.58 trillion, 44% higher than originally forecast in 2018, the Government Accountability Office said in an assessment. Link
    - **Delivery Delays:** The company's delay in delivering F-35s with computer hardware and software upgrades is likely to persist until August or September, according to a Pentagon official. Link
    - **Lockheed Martin Corp., Lockheed Martin Aeronautics Co.**, Fort Worth, Texas is awarded a $30.7M cost-plus-fixed-fee, firm-fixed-price modification (P00005) to order (N0001923F0002) against a previously issued basic ordering agreement (N0001919G0008). This modification exercises an option and adds scope for the procurement of material modification kits, special test/tooling equipment, and seeds necessary to support F-35 Joint Strike Fighter aircraft retrofit and modification efforts for the Air Force, Marines, Navy, Foreign Military Sales (FMS) customers, and non-U.S. Department of Defense (DOD) participants. Link

CYBER COMMAND / CYBER OPERATIONS/ CYBER SECURITY

Direct, Synchronize, and Coordinate Cyberspace Planning and Operations - to Defend and Advance National Interests - in Collaboration with Domestic and International Partners

- **US Army Cyber Command**: U.S. Army Cyber Command integrates and conducts cyberspace operations, electromagnetic warfare, and information operations, ensuring decision dominance and freedom of action for friendly forces in and through the cyber domain and the information dimension, while denying the same to adversaries. Cyber Command
    - Focus Areas: The Command has three focus areas: Defending the DoDIN, providing support to combatant commanders for execution of their missions around the world, and strengthening our nation's ability to withstand and respond to cyber-attack.
    - Commander: LTG Maria Barett
    - LTG William Hartman, Deputy Commander, United States Cyber Command, Fort Meade, Maryland.
    - Cyber Director: Harry Coker, Office of the National Cyber Director at the White House
- **Cyber CDID:** Link
    - **Mission:** As the Force Modernization Proponent for Cyberspace Operations, Signal Communications, and Electronic Warfare, Cyber CDID develops, evaluates, integrates, and communicates concepts, doctrine, requirements, and solutions across DOTMLPF, Warfighting functions and formations to improve our Army and ensure the combat effectiveness of the future force.
    - CDID Director: COL Christian Haffey
- **CISA Website:** https://www.cisa.gov/

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- **DoD Manual (DoDM) 8140.03 Cyberspace Workforce Qualification & Management Program,** the third issuance of the DoD 8140 policy series. Link
- **DOD CIO Office Issues Guidance on DevSecOps Continuous Authorization to Operate:** The Department of Defense's Office of the Chief Information Officer has released a document meant to serve as guidance for defense agencies seeking to achieve continuous authorization, or cATO, to operate for DevSecOps platforms and other applications produced by a software factory as part of efforts to counter cyberthreats. Link
- **Partnerships Key to Protecting Infrastructure:** Former chief of the U.S. Fleet Cyber Command said that the Federal government and industry must be prepared to work together in the face of adversarial attacks against U.S. critical infrastructure like the electric grid. "As a nation, we have benefited from 250 years of two-ocean insulation, and, frankly, very calm and otherwise very stable and secure borders," retired Navy Vice Adm. Timothy White said during the Axonius Adapt conference. Link
- **NSA Shares Best Practices for Secure AI:** The National Security Agency issued a cybersecurity information sheet to share best practices for deploying secure and resilient AI systems. The guidance marks the first release from the NSA's Artificial Intelligence Security Center, which the agency stood up last year to promote the secure development, integration, and adoption of AI technologies within national security systems and the Defense Industrial Base. Link
- **The Federal Acquisition Regulatory Council** has introduced two new proposed cybersecurity rules that could reshape compliance demands for government contractors. These measures emphasize the need for robust cybersecurity infrastructure and standardized requirements across federal systems. Contractors now face increased scrutiny and potential liabilities, urging a focus on stringent compliance strategies. Link

DEFENSE INNOVATION UNIT (DIU)

- **DIU** is the only DoD organization focused exclusively on fielding and scaling commercial technology across the U.S. military at commercial speeds. We are focused on six technology areas where the commercial sector is operating at the leading edge: artificial intelligence, autonomy, cyber, energy, human systems, and space. Link
- **How DIU Works with Commercial Companies:** Watch this overview to learn more about the DIU process and how we lower barriers to entry into the defense market for companies that have never before worked with the Department of Defense.
- **Opportunities:** Submit your commercial solutions to solve national security challenges with the help from DIU. Open Solicitations
- **In his role as head of the Defense Innovation Unit**, startups want Doug Beck to be their advocate inside the Pentagon, while members of Congress are calling for Beck and the DIU to mirror the tech industry's speed and risk tolerance. Read More

DARPA

- **DARPA** comprises approximately 220 government employees in six technical offices, including nearly 100 program managers, who together oversee about 250 research and development programs. https://www.darpa.mil/
- **DARPA BAA's:** Full topic descriptions and instructions are available on DSIP at Link and at Link

DEFENSEWERX

- **DEFENSEWERX** is a neutral facilitator and trusted counselor, connecting a national network of individuals, businesses, academia, and government organizations to enable creative and integrated solutions for our DOD customers. We are dedicated to expanding the capabilities and strategic supremacy of today's warfighters. The Mission is to cultivate ecosystems that enable the acceleration of innovative solutions to benefit the warfighter and the nation. Link
- **Doolittle Institute**, an AFRL Innovation Institute, supports the Air Force Research Labs Munitions Directorate by working to license and commercialize AFRL/RW technologies in the private sector through technology transfer, enable rapid technology delivery to the warfighter via technology transition, identify and foster new R&D partnerships through innovation and collaboration, and develop AFRL's current and future workforce. Join
- **SOFWERX** was created under a Partnership Intermediary Agreement between DEFENSEWERX and the United States Special Operations Command (USSOCOM). Located in Tampa, FL, SOFWERX has a very dynamic environment designed to create a high rate of return on collision for all participants. Join

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- **ERDCWERX** empowers industry and academia to identify new partnerships for innovation and commercialization with ERDC and invites non-traditional defense contractors to submit, at no cost, solutions to specific projects identified by ERDC. Located in Vicksburg, MS, ERDCWERX (EWX) was created under a Partnership Intermediary Agreement between DEFENSEWERX and the U.S. Army Engineer Research and Development Center (ERDC). Join
- **NAUTILUS** is constantly assessing the landscape in the areas of defense and innovation. Our ecosystem of the latest technologies allows us to scout for the most promising concepts, prototypes, or commercially available technologies that can be leveraged as solutions for the warfighter. Using research and development agreements, contracts, competitions, public-private partnerships, and other tools, NAUTILUS can address Navy and Marine Corps innovation challenges while helping grow the circle of entrepreneurs and investors interested in working the strategic and technical challenges associated with maintaining U.S. national security. Join
- **HSWERX** ensures that DHS has the capabilities to secure our nation in the face of natural and human-caused threats as the research, development, test, and evaluation arm of the Department of Homeland Security (DHS) Join
- **The Cyber Fusion Innovation Center (CFIC)** is a DEFENSEWERX Innovation Hub in partnership with the U.S. Army Cyber Command via an Other Transaction Authority (OTA) agreement. Established in December 2020, CFIC's mission is to aid the U.S. Army Cyber Command in defending the Department of Defense Information Network, delivering cyberspace effects, and rapidly developing and deploying cyberspace capabilities. Join
- **The LANDWERX innovation hub**, based out of the Landus Innovation Connector in Des Moines, is opening new doors to civilian innovation, granting farmers unprecedented access to problem solvers and solutions within the DEFENSEWERX ecosystem. In addition to helping farmers address day-to-day needs, LANDWERX brings access to robust funding opportunities earmarked to advance rural vitality initiatives, addressing a wide variety of rural and farmer-voiced concerns, industry shortfalls, sustainability and more. Link
- **ENERGYWERX** strives to discover, engage, and accelerate innovation in support of DOE's missions to expand the development and deployment of clean energy solutions, heighten energy security, and strengthen national security ecosystems. The hub leverages proven methodologies and practices to increase cooperative and joint activities between DOE and industry, utilities, localities, and other non-traditional performers and collaborators with a goal of enabling the rapid development, scaling, commercialization, and deployment of energy technologies and solutions. Link
- **The FLEETWERX (FWX) Innovation Hub** was chartered to develop a coordinated innovation and collaboration program with the Naval Postgraduate School (NPS) by creating a cutting-edge environment that brings the best of Government, Industry, National & Federal Laboratories, and Academia together to work on the most difficult science and technology problems, while championing STEAM education and workforce development across all levels of society. FLEETWERX's mission is to develop an ecosystem of innovators, all working together to integrate advanced solutions for evolving maritime challenges to ensure the United States naval forces remain incomparable on a global scale. Join

SPECIAL OPERATIONS

United States Special Operations Command (USSOCOM) develops and fields technology to some of the most demanding customers in the world including Green Berets, Navy SEALs, Marine Raiders, and Air Force Special Tactics Units. Our warfighters execute demanding missions of strategic importance. This means that we have some extremely tough problems to solve.

- **SOCOM Commander:** GEN Bryan Fenton
- **Opportunities:** Your first stop (regardless of business size) for doing business with USSOCOM should be the Small Business Office.
  - Explore USSOCOM Capability/Technology Areas of Interest, and help us solve hard problems
  - Engage in Research/Research and Development (R/R&D) through the Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) highly competitive programs
  - Visit SOFWERX, USSOCOM innovation hub, to solve warfighter challenges through collaboration, ideation, events, and rapid prototyping.
  - Join the SOFWERX ecosystem and be the first to hear of opportunities to collaborate and innovate for Special Operations Forces
  - Check out upcoming efforts to solve challenging Warfighter problems such as Collaboration and Assessment Events, Tech Sprints, Tech Talks, and Prize Challenges
  - Submit for the opportunity to virtually pitch your cutting-edge technologies to USSOCOM and other Government attendees during weekly Tech Tuesday sessions

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- Discover internships and additional STEM opportunities at SOFWERX
- Connect with USSOCOM Science &Technology
- Join the VULCAN technology exchange system.

- **US SOCOM tentative acquisition forecast** has been posted to their website: Link
- **At Army's special-ops school, the biggest changes in a generation:** These changes are part of a six-year plan to improve training in irregular warfare, incorporating advancements in technology and psychological operations, driven by recent operational insights from Ukraine among other factors. Link

ARMY FUTURES COMMAND (AFC) & THE CROSS FUNCTIONAL TEAM(S)

- **Leadership**
  - GEN Rainey, Commanding General
  - CSM Hester, Command Sergeant Major
  - LTG Coffman, Deputy Commanding General
  - LTG Dave Hodne, Deputy Commanding General; Director, Futures and Concepts Center
  - MG Epperly, Deputy Commanding General – National Guard
  - CW5 De La Cruz Jr., Command Chief Warrant Officer
  - Mr. Willie Nelson, Deputy to the Commanding General
- **AFC Supporting Commands:** Army Futures Command integrates daily with entrepreneurs, scientists, and businesses to employ an entrepreneurial spirit of accepting the risk of failure early and cheaply in order to create the best solution for our Soldiers. Much of this work is accomplished through four subordinates, supporting commands, which operate through collaborative partnerships with industry and academia to help keep Soldiers safe, America strong, and to win on any future battlefield. Link
  - **Combat Capabilities Development Command (DEVCOM):** The U.S. Army Combat Capabilities Development Command Soldier Center (DEVCOM Soldier Center) is located at the U.S. Army Natick Soldier Systems Center in Natick, Massachusetts, under the Army's Combat Capabilities Development Command. Stretching back to 1954, the CCDC Soldier Center's history of support for the Soldier has continued uninterrupted for more than six decades, with a focus on Soldier-related research, development and testing and evaluation efforts. If Soldiers wear it, eat it, sleep under it, or have it airdropped to them in theater, it can be traced back to the DEVCOM Soldier Center. Made up of a diverse workforce comprised of scientists, engineers, technologists and equipment designers, the DEVCOM Soldier Center provides a wide range of capabilities to the Soldier, to include field feeding and life support systems, clothing, precision airdrop systems, and ballistic, chemical and laser-protection systems.
    - **Commanding General**, BG John Cushing.
    - **Chief Technology Officer**, Charneta Samms
    - Armaments Center
    - Army Research Lab
    - Aviation and Missile Center
    - C5ISR
    - Chemical Biological Center
    - DEVCOM Analysis Center
    - Ground Vehicle Systems Center
    - Soldier Center
  - **Futures & Concepts Center (FCC)**
    - LTG Dave Hodne Link
  - **Software Factory:**
    - Co-Directors: COL Vito Errico and COL Jason Zuniga
  - **The Research & Analysis Center (TRAC):**
    - Director, Pamela Blechinger
    - Deputy Director, COL Jensen
  - **Contested Logistics CFT.** A new cross-functional team focused on contested logistics is stood up in Huntsville, Alabama.
    - The **areas of interest** are focused at the tactical level. Those areas are:
      - Precision Sustainment

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        - Human-Machine Integrated Supply
        - Demand Reduction
        - Advanced Power
    - **The leadership for the CFT is as follows:**
        - Director BG Shane Upton
        - Deputy Director Rob Watts
        - CTO Mike Fennel
        - Chief Logistics Ron Karl
        - XO Ron Hall
- **DEVCOM:** Formerly known as the U.S. Army Research, Development and Engineering Command (RDECOM), DEVCOM joined AFC on Feb. 3, 2019, and marks the next step in the Army's effort to transform its approach to modernize critical core capabilities that will give Soldiers and allies a decisive edge in battle. As the modernization strategy focuses on delivering capabilities to support Multi-Domain Operations (MDO) by 2028, DEVCOM will maintain a balance between scientific research to support MDO and technology that may not be developed until 2050 or beyond.
- **Army Futures Command general lays out continuous transformation plan:** The U.S. Army Futures Command is keenly focused on a continuous transformation plan to enhance readiness and modernization. General James Rainey, head of the Army Futures Command, detailed a comprehensive approach during his presentation at the Association of the U.S. Army's annual meeting. Key strategies involve refining talent management, advancing technological integration, and boosting the effectiveness of combat capabilities across the service. This initiative is poised to significantly influence the Army's strategic direction by aligning it more closely with emerging threats and technological advancements. The command's efforts are aimed at maintaining combat readiness and ensuring that the Army remains strategically and operationally superior. This transformation plan not only addresses immediate needs but also strategically positions the Army for future challenges, emphasizing a dynamic approach to both personnel management and technological innovation. Link

NEXT GENERATION COMBAT VEHICLE (NGCV) CROSS FUNCTIONAL TEAM, PEO GCS, PEO CS&CSS AND CCDC GVSC

The Next Generation of Combat Vehicle's mission is to narrow or close cross domain maneuver capability gaps by developing Army requirements for our next generation of combat vehicles, while synchronizing and overseeing all supporting materiel development activities, experiments, and assessments. The team will use a rapid, iterative process to capability development that reduces costs, technological obsolescence, acquisition risk and increases the speed of delivery.

- **Next Generation Combat Vehicle (NGCV) Cross-Functional Team (CFT):** BG Geoffrey Norman. COL Kevin Bradley will replace BG Norman this summer.
- **NGCV CFT CoS,** COL Ryan Howell. COL Howell retires at end of FY. His replacement, COL Fred Dente, is inbound this summer.
    - Next Generation Combat Vehicle (NGCV) and Ground Enabling Technology investments ensure U.S. overmatch in offensive and defensive ground maneuver operations. S&T is focused to enable manned and unmanned ground combat formations to enter austere environments, survive and defeat emerging threats, and sustain an operationally feasible footprint.
        - **S&T investments include:** S&T investments include: • Advanced Materials, • Armor and Active Defense Systems, • Force Projection into All Environments, • Ground Vehicle Platforms, Power, and Energy, • Kinetic Armaments and Control Systems, • Logistics and Sustainment, • Protection of Deployed Assets, • Robotics and Autonomous Systems, • Sensors for Situational Awareness and Targeting
    - **How to get in touch with the NGCV-CFT:** If you have a technology or capability that fits within the combat vehicle portfolio and are not otherwise already doing business with the Government, please contact their general mailbox at: usarmy.detroit.ccdc-gvsc.mbx.ngcv-cft@mail.mil so they can set up a time to discuss your product(s).
- **CCDC GVSC site:** http://www.usarmygvsc.com/ The United States Army Combat Capabilities Development Command (DEVCOM) Ground Vehicle Systems Center (GVSC), located in Warren, Michigan, is the United States Armed Forces' research and development facility for advanced technology in ground systems. The U.S. Army DEVCOM is a major subordinate command of the U.S. Army Futures Command (AFC). GVSC shares its facilities with

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the U.S. Army Tank-automotive and Armaments Command (TACOM). Current technology focus areas include Power and Mobility, Autonomous Systems, Force Projection, Survivability, Electronics and Architecture, Cyber Engineering and Software Integration.

- **Director of GVSC:** Michael Cadieux
  - GVSC Strategy: Link
  - To start Communications: Link
  - News & Media: Link
  - Partnering & Collaboration: Name: Adam Nartker (adam.c.nartker.civ@army.mil)/ Aaron LaLonde (aaron.d.lalonde4.civ@army.mil)

- **PEO Ground Combat Systems (GCS)** led by PEO MG Glenn Dean
  - The PEO GCS public website has officially been updated https://www.peogcs.army.mil/
  - DPEO Bryan McVeigh
- **PEO GCS Production, Product Assurance, Engineering & Operation Support** for Army Contracting Command - Warren (Formerly Acquisition Center) PANDTA-24-P-0000_002654
  - To provide Production, Product Assurance, Engineering, and Operations Services to Project Director Main Battle Tank Systems (PD MBTS), Project Manager Armored Fighting Vehicle (PM AFV), Project Manager Armored Multi-Purpose Vehicle (PM AMPV), Project Manager Stryker Brigade Combat Team (PM SBCT), Project Manager Mobile Protected Fire (PM MPF), and Project Manager Next Generation Combat Vehicles (PM NGCV). Link
- **PM Main Battle Tank Systems (MBTS):** Led by COL Ryan Howell
- **PM XM30 Combat Vehicle** COL Jeff Jurand Link
- **PM Stryker Brigade Combat Team (SBCT)** Mr. Clifton Boyd Link
- **PM Self Propelled Howitzer Systems (SPHS)** COL Freeman Bonnette Link
- **PM Mounted Armored Vehicles (MAV)** Link
  - COL Dan Ramos
  - Modernization, AMPV and Bradley
  - Combat Recovery Systems / M88: Deputy PdM Mr. Mike Wayda
  - PM MAV makes up 62% of the ABCT Formation
- **PL Future Battle Platforms (FBP)** Mr. David Dopp Link
  - Deputy PL: Chad Stocker
  - RCV, MPF / M10 BOOKER
  - PdM RCV: Stever Herrick
  - PdM Booker: LTC Peter George
- **PL Capability Transition & Product Integration (CTPI)** Project Lead: Mr. Bob McNeill: Link
  - Project Lead Capability Transition & Product Integration Office (PL CTPI) provides strategic planning and PEO GCS platform synchronization by informing, maturing, and integrating Army-wide product technologies and S&T investments to address technology needs, transition advanced technology, and deliver new capability across the GCS portfolio.
  - **PdL Ground Combat Enabling Technologies & Transition (GCETT)**
    - Focused on maturing Science and Technology (S&T) capabilities for Platform integration. Top priorities including Autonomy/Artificial Intelligence, Ground Common Infrastructure Architecture (GCIA), Targeting/Lethality, Vehicle Protection and Hybridization
    - PdL GCETT Future Requirements
      - **Small Business Innovation Research (SBIR)**
        - Autonomy TBT (Transition Broker Teams)
      - **Technology Maturation Initiative (TMI)**
        - Soft Kill for sensor enhancement
  - **PdL Ground Combat Product Integration (GCPI)**
    - GCPI is coordinating follow-on discussions with British Army to discuss U360SA and potential alignment of GCIA with their Land Open Systems Architecture (LOSA) and Ground Vehicle Architecture (GVA).
    - Universal 360 Situational Awareness (U360SA) Technology Maturation Initiative (TMI)
    - Mounted Capability Sets (M-CS) 23&25
    - Standardized A-Kit Vehicle Envelope Interface Description Document (SAVE IDD)

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        - AAE signed an agreement between PEOs that when a vehicle is built, space claim for radios, computers, etc. are a certain size & shape; vendors need to make product fit within that size & shape and to have the right attachment points.
    - GCS Common Infrastructure Architecture (GCIA)
        - PEO GCS vehicle architecture framework for Modular Open System Architecture (MOSA) development
        - PL CTPI is the owner of the GCIA.
        - MOSA COI Application: Link
        - MOSA NAMC POC: Lindsay Bayles lindsayb@namconsortium.org
- **Product Manager (PdM) Vehicle Protection Systems (VPS) – Lisa Gronowski**
    - VPS COI Communities of Interest | NAMC) NAMC POC is Jessica
        - NAMC Facilitating the VPS/GVSP Symposium 9-11 April through the VPS COI.
    - Current Programs of Record
        - Vehicle Base Kit (VBK) with Laser Warning Receiver (LWR)
        - Reactive Armor Tiles (RAT)
        - SIGMAN (Signature Management)
    - PdM VPS Future Requirements
        - Unmanned Aerial System (UAS) protection
        - AI: Intelligent Ground System Survivability

- **ACC-DTA MPF / M10 BOOKER** Ms. Shannon Jewell
- **ACC-DTA Combat Systems** Ms. Lisa Behnke
- **PEO Combat Support and Combat Service Support (CS&CSS)** led by BG Luke Peterson Link BG Camilla White who is currently the DPEO C3T will become the new PEO.
    - **Project Manager JPO JLTV** Mr. Mark McCoy
    - DPM, JLTV is Mr. Chris Brouwer
    - PD LTV: Mr. Aaron Hart
    - PdM, JLTV System Integration: Ms. Munira Tourner
    - USMC PdM, Vehicle Systems, JLTV: LtCol Christopher Stephenson, U.S. Marine Corps.
    - **Project Manager Expeditionary Energy & Sustainment Systems** (E2S2) COL Laverne Amara Link
        - PdM Force Sustainment Systems LTC Daniel O'Neill
        - PdM Mobile Electric Power Systems (MEPS) LTC Thomas Beyerl
        - PL Large Power Systems PL Mr. Bob Thoens
        - **Upcoming Opportunities:**
            - Family of Utility Support Equipment (FUSE) – (not yet funded)
            - Forward Repair System (FRS) tool load RFP 3QFY24
            - Potential reprocurements of construction systems FY25+
    - **Project Manager Force Projection** Mr. Kyle Bruner; **DPM** Mr. Shon Severns
        - **PdM Combat Engineer and Material Handling Systems' (PdM EMSE)** LTC Denyada Barnes denyada.barnes2.mil@army.mil
        - **PD Test, Measurement, and Diagnostic Equipment (TMDE)** Mr. Thomas Lettis Thomas.a.lettis.civ@army.mil
            - **Upcoming Opportunities:**
            - Electronic Intermittent Fault Detection System (EIFDS) RFP FY24
            - Transmission Test Set; AN/USM-485 replacement project RFP 3QFY24
            - Radio Test Set (hand-held); AN/PRM-36 replacement project RFP 4QFY24
            - Maintenance Support Device (MSD) follow-on contract RFP 3QFY24
            - AN/USM-459 Electronic Counter Replacement RFP 4QFY24
        - **PdM Petroleum & Water Systems (PAWs)** LTC Michael White michael.w.white152.mil@army.mil
            - **Upcoming Opportunities:**
                - Tactical Fuel Distribution System (TFDS) Production Request for Proposal (RFP) Release 3QFY24. Follow on from successful OTA Prototypes
                - 3K Tactical Water Purification System (TWPS) RFP Release 4QFY24/1QFY25
                - Tank Rack Module (TRM) Retail Pump Upgrade Production RFP Release 1QFY25. Follow on from successful OTA Prototypes

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        - Chemical, Biological, Radiological, Nuclear (CBRN) Unit Water Hauler RFP Release 2QFY25
    - **PdM Bridging** Mr. Christopher Upton; Christopher.m.upton.civ@army.mil
        - **Upcoming Opportunities:**
            - Joint Assault Bridge (JAB) Competitive follow-on production contract – tentative 1QFY25 Request for Proposal (RFP) release
            - Medium Assault Bridge (MAB) Capability Development Document (CDD) – under development
            - Dry Support Bridge (DSB) replacement – anticipate CDD approval in FY25
    - **PdM Robotic Autonomous Systems (RAS)** PdM Kent Shea
        - **Upcoming Opportunities:**
            - Enhanced Robotics Payloads (ERP): Contract through Original Equipment Manufacturer (OEM) for Extended Range Mesh Networking and Pan/Tilt Imager payload solutions. Potential log development opportunities
            - Autonomous Transport Vehicle System (formerly Leader Follower): Defense Innovation Unit (DIU) Prototyping OTA awarded to three contractors 1QFY24, Testing ongoing
            - Small Multipurpose Equipment Transport (SMET) Increment II: Ongoing competitive OTA solicitation for prototype award & prototype testing. Proposals were due end of month February 2024
    - **PL Robot Logistics Support Center (RLSC)** Director Mr. Adam Sims
- **Project Manager Transportation Systems** Mrs. Zina Kozak-Zachary; zina.j.kozak-zachary.civ@army.mil
    - Deputy PM Vince Jakubowski
    - **PdM Multi-Mission Protected Vehicle Systems (MPVS)** Mrs. Diane McCarthy
    - **PdM Heavy Tactical Vehicles (HTV)** Mr. Raymond "Ray" Folden
    - **PL Common Tactical Truck (CTT)** Mr. Alvin Bing III; alvin.bing.civ@army.mil
    - **PM Transportation Systems** to support Army modernization of selected Tactical Wheeled Vehicles (TWV), trailers, and Army Watercraft Systems
        - Maneuver Support Vessel (Light) (MSV(L))
        - Family of Medium Tactical Vehicles (FMTV) A2
        - Landing Craft Utility (LCU) Service Life Extension Program (SLEP)
        - Heavy Dump Truck (HDT)
        - M872, M172, Enhanced Heavy Equipment Transporter (EHET),USAREUR HETS ONS, and Medium Equipment Transporter Systems (METS)
            - Modular Autonomous Vehicle (MAV)
            - By-Wire Active Safety Kits (BWASK)
            - Predictive Maintenance (PM+)
            - Procurement of Route Clearance Enablers (MRAP)
            - Transition to sustainment older systems

NETWORK CROSS FUNCTIONAL TEAM & PEO C3T & C5ISR

The Network Command, Control, Communication, and Intelligence Cross-Functional Team (N-CFT) is responsible for enabling Army formations to reliably communicate anywhere, anytime, in all domains, in all environments, against any adversary. Consisting of a core team of experts, the N-CFT drives requirements and transitions to deliver a network that is expeditionary, mobile, hardened, and intuitive. The N-CFT addresses the most pressing challenges to the tactical network that our soldiers use on the battlefield. Link

- **Network CFT:** MG Jeth Rey. BG Patrick Ells will become the Director, Network CFT and MG Rey will become Director of Architecture, Operations, Networks and Space, Office of the Deputy Chief of Staff, G-6, United States Army, Washington, DC. This is expected to occur over the summer. Link
    - **Ellis to succeed Rey as director of Army Network Cross-Functional Team:** Brig. Gen. Patrick Ellis is expected to take over this summer. Link
- **Army Network S&T investments** develop, demonstrate, and transition technologies to enable: future hardware, software, and network infrastructure with resilient and assured communication links; Assured Position, Navigation, and Timing (APN&T) data for ground and air domains using trusted signals of opportunities and non-radio frequency

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(RF) capabilities; decision aids that expedite situational understanding and decision-making; and space-based assets and high-altitude payloads that provide the ability to sense and understand, in real-time, the multi-domain battlefield to reveal threat intentions, strategies, capabilities, and tactics of a peer adversary in a contested cyber and electromagnetic environment.

- **PEO C3T**: Mr. Mark Kitz
- **PEO C3T** Chief of Staff: Mia Nance
- **DPEO C3T:** COL (P) Kevin S. Chaney, who is currently Project Manager, Future Attack Reconnaissance Aircraft, Program Executive Office Aviation, Redstone Arsenal, Alabama will become DPEO C3T. Link
- **C5ISR:** Link
- **Project Manager Tactical Network:** COL Stuart McMillan
- **Product Manager Mission Network**: LTC Marquessa Keith
- **Product Manager Satellite Communications** (PdM SATCOM) LTC Carson Tenney
- **Product Manager Unified Network Capabilities and Integration** (PdM UNCI), LTC Mark Scott
- **Project Manager Tactical Radios,** COL Shermoan Daiyaan
- **Product Manager Tactical Cyber and Network Operations**, LTC Keith Jordan
- **Identity, Credential and Access Management (ICAM)** to start as a Mid-Tier Acquisition (Rapid Prototype) in FY24
- **Product Manager Waveforms,** LTC Brandon Motte
- **Product Manager Helicopter and Multi Mission Radios** (PdM HAMMR)
- **Assistant Product Manager for Air to Ground Networking Radio** (AGNR) and LINK 16, MAJ Davon Estelle
- **Sustainment Transport System (STS):** In support of Army modernization efforts for logistics data transport, the milestone decision authority granted a Materiel Development Decision (MDD) for Sustainment Transport System (STS) that resulted in the initiation of three new Programs of Record:
  - STS Satellite Communications (ACAT II),
  - STS Line-of-Sight (ACAT III)
  - STS Wi-Fi (ACAT II).
- **U.S. Army Network Technical Exchange Meeting 12:** Accelerating Network Transformation (TEM 12): The Army's Program Executive Office C3T and Network Cross-Functional Team will host a network-related technical exchange meeting (TEM) on May 29-30, 2024, at the Marriott City Center, Philadelphia, PA. The network is the Army's number one transformation priority. TEM 12 will build upon previous TEMs with increased technical discussion, operational feedback, targeted prototyping contract opportunities, and strategic government/industry sessions. Link
  - As an "even" numbered TEM, this event will also offer RDT&E 6.4 funded prototype capability opportunities and provide updates on other S&T and program of record business opportunities. Opportunities will be discussed throughout the event, and 1-on-1 sessions will be offered through a registration process.
- **PEO C3T Online:**
  - http://peoc3t.army.mil
  - https://www.army.mil/peoc3t
  - http://www.facebook.com/peoc3t
  - http://twitter.com/peoc3t
  - https://www.linkedin.com/company/peoc3t
  - https://flickr.com/photos/peoc3tmedia
- **Silvus and Kagwerks marry radios, chest rigs for battle communications:** Silvus Technologies in January announced a $3.5M deal with the U.S. Army's PEO C3T for StreamCaster radios and expanded operational testing. Link

FUTURE VERTICAL LIFT CROSS FUNCTIONAL TEAM & PEO ARMY AVIATION

The Future Vertical Lift Cross-Functional Team (FVL-CFT) is committed to the development of critical combat systems ensuring Army Aviation maintains vertical lift dominance over enemy forces in future multi-domain operations. FVL-CFT will enable the joint force to operate dispersed over wide areas with increased lethality, survivability, and reach by penetrating enemy defenses and subsequently exploiting open corridors with enhanced Attack/Reconnaissance, Air Assault, and MEDEVAC capabilities.

- **PEO for Aviation,** MG Robert L. Barrie. COL Kevin Chaney will become PEO.
  - PEO Aviation has nine Project Offices: • Apache Attack Helicopter, • Aviation Mission Systems and Architecture, • Aviation Turbine Engines, • Cargo Helicopters, • Fixed Wing Aircraft, • Future Attack

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Reconnaissance Aircraft, • Future Long Range Assault Aircraft, • Unmanned Aircraft Systems, • Utility Helicopters
    - **Program Manager:** COL Kevin Chaney
    - **Unmanned Aircraft Systems Project Manager:** COL Danielle Medaglia
    - **Project Manager for Cargo Helicopters:** COL Daniel Thetford
    - **Project Manager for Utility Helicopters:** COL Calvin Lane
    - **Project Manager Fixed Wing:** COL Joe Minor
    - **Product manager for Tactical Unmanned Aircraft Systems**, LTC Jeffrey Bess
    - **Product manager of the Aviation Architecture and Environmental Exploitation**, LTC James Brooks
- **The Aviation Portfolio** encompasses S&T projects that support Future Vertical Lift (FVL) research, technology development and demonstrations, and that enable research that will provide technology to address long-term needs. The goal of aviation S&T is to provide longer range and persistence, larger payloads, and increased speed, survivability, and combat overmatch in the future A2/AD battlefield, with an overall lower cost of ownership.
    - S&T investments include: • Aviation concept designs and assessments, • Module open systems architecture, • Holistic aviation survivability, • Improved situational awareness in degraded environments, • Integrated mission systems, • Advanced power systems and thermal management, • Increased lethality, • Air Launched Effects, • Advanced Teaming
- **FVL CFT Director** is BG Phillip C. Baker.
- **Future Long-Range Assault Aircraft (FLRAA):** FLRAA will expand the depth of the battlefield by extending the reach of air assault missions & enabling ground forces to converge through decentralized operations at extended distances. FLRAA's inherent reach and standoff capabilities will ensure mission success through tactical maneuver at operational & strategic distances. Bell Textron's Valor won the Army's FLRAA competition.
    - **Prime:** Bell Textron
    - PM COL Jeffrey Poquette
    - **Product Lead** for the Future Long-Range Assault Aircraft Modernization: LTC Zachary Keefer
- **Future Attack Reconnaissance Aircraft (FARA):** CANCELLED
    - **FARA Cancellation Leaves Unfilled Gaps, Army Commander Says:** The cancellation of the Army's Future Attack Reconnaissance Aircraft (FARA) program has left significant capability gaps, as highlighted by Gen. Laura Richardson of the U.S. Southern Command. She emphasizes that while the Future Long Range Assault Aircraft (FLRAA) is still advancing, the absence of FARA limits the Army's operational flexibility, particularly in creating strategic advantages in contested environments. The debate continues on balancing investments between manned and unmanned systems, with current trends leaning towards enhanced unmanned capabilities demonstrated by recent conflicts like in Ukraine. This shift includes prioritizing investments in sensors and weapons for unmanned platforms over FARA's objectives. The decisions will significantly impact future military readiness and capabilities. Link
- **US Army to shift aviation force structure back to tailored brigades:** The U.S. Army plans to revert its aviation brigades to a tailored structure aligned with specific division needs, moving away from the one-size-fits-all model used during operations in Iraq and Afghanistan. This strategic shift will provide specific divisions, like the 101st Airborne, with additional resources such as CH-47F Chinook helicopters to enhance their air assault capabilities. The restructuring aims to improve reconnaissance, security capacities, and rapid deployment capabilities within the brigades. These changes are part of a broader Army initiative to prepare for large-scale combat operations against technologically sophisticated adversaries. Link
- **US Army's next-gen helicopter engine could fly in Black Hawk next year:** The U.S. Army is set to test the next-generation helicopter engine, the Improved Turbine Engine Program (ITEP) engine, in a UH-60M Black Hawk by next year. Developed by General Electric, the ITEP engine promises a 50% power increase and 25% better fuel efficiency over the older T700 engines. It also features more durable components to reduce lifecycle costs. Despite previous delays, the engine is on track for testing and integration, with expectations to enhance capabilities in both the Black Hawk and AH-64 Apache. Link
- **US Army to field long-range combat aircraft to first unit in FY31:** The U.S. Army plans to deploy its Future Long-Range Assault Aircraft to the first unit by fiscal year 2031, a year later than planned due to a procurement challenge from Lockheed Martin, which contested the selection of Textron Bell's tiltrotor design. Despite this delay, Maj. Gen. Wally Rugen highlighted the detailed planning undertaken to ensure successful integration of the aircraft. The Bell team is actively preparing for the production phase, with key design finalizations and the setup of a new drive system

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test lab in Texas. These preparations involve building virtual prototypes and initiating production of the aircraft components. Link

- **Boeing swapping out AH-64E Apache generators, eyes new generator options:** "We've seen some improvement … and so readiness is there: We have enough retrofit generators right now [and] it's not impacting readiness," said John Chicoli, the director of Boeing's global services for vertical lift and special operations. Link
- **Army inching towards late FY25 Chinook Block II full-rate production contract:** Boeing recently announced the Block II helo's first maiden flight and plans to deliver the first production aircraft to the service in the coming weeks. Link

MISSILE DEFENSE CROSS FUNCTIONAL TEAM, PEO MISSILES AND SPACE & CCDC AVMC

The Air and Missile Defense Cross Functional Team (AMD-CFT) will include the ability to defeat missile threats against the U.S., our deployed forces and our allies and partners. Air and Missile Defense is one of the Army's top modernization priorities and is critical to winning in a fight against a near-peer adversary.

- **Commanding General,** Space and Missile Defense Command/United States Army Forces Strategic Command, Redstone Arsenal, Alabama: LTG Sean A. Gainey
- **PEO Missiles and Space:** BG Frank Lozano Link
- **Director of the Air and Missile Defense Cross-Functional Team:** COL Patrick Costello
- **CCDC AvMC:** The DEVCOM Aviation & Missile Center, headquartered at Redstone Arsenal, Alabama, is the Army's research and development focal point for advanced technology in aviation and missile systems. It is part of the U.S. Army Combat Capabilities Development Command (DEVCOM), a major subordinate command of the U.S. Army Futures Command. AvMC is responsible for delivering collaborative and innovative aviation and missile capabilities for responsive and cost-effective research, development, and life cycle engineering solutions, as required by the Army's strategic priorities and support to its Cross-Functional Teams. DEVCOM AvMC Director Dr. James Kirsch
- **Air and Missile Defense investments** will provide the Army and Joint Force overmatch at extended ranges with precise and affordable weapons. S&T activities in this area seek to reduce the cost of missile defense, restore overmatch, survive volley-fire attacks, and operate within sophisticated anti-access/area denial (A2/AD) and contested domains, and focus on: • Maneuver-Short Range Air Defense (M-SHORAD), • Smaller and more affordable missiles, • High-Energy Lasers (HEL), • Defense against emerging threats, including unmanned aircraft systems (UAS), • Advanced seekers, • Advanced energetics and propulsion, • Next-generation radars
- **The Tactical Aviation and Ground Munitions (TAGM) Project Office** provides service and support as the executive procurement agent and life cycle manager for the joint warfighter's aviation and ground rocket and missile systems.
    - Project Manager Tactical Aviation and Ground Munitions: Mike Kuenzli
    - TAGM Mission: to develop, field, and sustain versatile air and ground launched weapon systems for U.S. Army, joint, and coalition warfighters that provide a decisive advantage in Joint All-Domain Operations (JADO).
    - **Current and future weapon systems managed by TAGM include:**
        - HELLFIRE Missile
        - Joint Air-to-ground Missile (JAGM)
        - Hydra 70 Folding Fin Aerial Rockets
        - Advanced Precision Kill Weapon System (APKWS)
        - Integrated Munitions Launcher
        - Long Range Precision Munition
        - Small Precision Engagement Aviation Rocket
        - Javelin Missile System
        - TOW Missile System
        - Containerized Weapon System
        - Lethal Miniature Aerial Missile System
        - Missile and Rocket Launchers
        - Test Sets
- **The Integrated Fires Mission Command (IFMC) Project Office** provides common integrated fire control across all Army air and missile defense echelons, integrating with the joint architecture, to develop a mission command and fire control system that integrates sensors and weapons into a cohesive warfighting capability. IFMC develops and improves mission command components and software and sustains fielded systems to address TRADOC warfighting

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operational gaps, (Single Integrated Air Picture (SIAP), Integrated Fire Control (IFC), Critical Asset Defense) and provides flexibility to respond to evolving threats (sensor, interceptor, electronic warfare). IFMC is structured to enable the development of an overarching system of systems capability with all participating air defense artillery components functioning interdependently to provide total operational capabilities not achievable by the individual element systems.

- **Project Manager, Integrated Fires Mission Command:** COL Christopher Hill
- **Maneuver Short-Range Air Defense:** M-SHORAD defends maneuver forces against manned and unmanned aircraft systems. The M-SHORAD Increment 1 system consists of existing capabilities integrated onto a Stryker Infantry Carrier Vehicle. Ultimately, M-SHORAD battalions will contain a mix of complementary directed energy and kinetic interceptor systems to protect the Warfighter. The Army intends to complete the fielding of 144 systems to four battalions beginning in FY23.
    - **YouTube Video:** Link
- **Lower-Tier Air and Missile Defense Sensor**: LTAMDS delivers sensor capability to counter advanced threats and take full advantage of the Patriot Missile Segment Enhancement (MSE) capability. LTAMDS will replace the current Patriot PAC-3 radar and will be integrated into the AIAMD architecture. In 2022, initial prototypes were delivered to White Sands Missile Range for contractor testing. The U.S. Government is conducting a technical analysis on the test data.
- **Program Manager, Ground Based Air Defense (PM GBAD),** is responsible for the development of the Future Weapons Systems (FWS) Increment 1 (Inc 1) MADIS. The FWS Inc 1 MADIS is comprised of two vehicles, one AN/MSY-2(v)1, Mk1 vehicle, and one AN/MSY-2(v)2, Mk2 vehicle. This system will provide a new and improved capability to mitigate the risk of attacks from Unmanned Aircraft Systems (UAS) and Fixed Wing (FW)/Rotary Wing (RW) aircraft while maintaining pace with maneuver forces. Specifically, FWS Inc 1 MADIS provides Marine Air-Ground Task Force commanders with short range ability to detect, track, identify, and defeat aerial threats. FWS Inc 1 MADIS focuses on the integration of command and control (C2) software with emerging and existing components integrated onto the Marine Corps JLTV HGC variant The AN/MSY-2(v)1 and AN/MSY-2(v)2 are complimentary in capability. The Mk1 includes a counter aircraft and non-kinetic C-UAS capability, and the Mk2, which includes a detection, kinetic and non-kinetic C-UAS capability. The CES is an advanced, highly autonomous effector that can negate Group 1-3 UAS threats at significant ranges from the launch location.
    - **PEO-LS PM GBAD Installation-Counter small Unmanned Aircraft System (I-CsUAS):** Program Executive Office, Land Systems (PEO-LS) Program Manager, Ground Based Air Defense (PM GBAD), is responsible for the development of the I-CsUAS to defend covered assets. Failure to deliver this capability places personnel, covered facilities, and assets at unnecessary risk. The Marine Corps requires a modernized C-sUAS capability to counter the evolving threats. To address this capability gap, the Marine Corps intends to use advanced technologies incorporated throughout the full “kill chain” to successfully detect, track, identify, and defeat sUAS. This “kill chain” will encompass integrated and networked sensor nodes along with the ability to protect the defended asset both non-kinetically and kinetically as laws and policy allow. Link
- **Close Combat Missile System:** The CCWS Project Office is an umbrella organization under the Program Executive Office, Missiles and Space, which exercises full-line authority over all planning, direction, and control of tasks and designated associated resources involved in the Javelin Missile System Acquisition Category I (ACATI) and the TOW family of missiles and the TOW Improved Target Acquisition System (ITAS) and related ancillary items and improvements to all these items.
- **Indirect Fire Protection Capability:** IFPC will defend fixed and semi-fixed targets against multiple indirect fire methods including sub-sonic cruise missiles, rocket/artillery/mortar threats and from aerial assets like UAS and fixed- and rotary-wing aircraft.
- **Army to convert Patriot, GMLRS contracts into multi-year deals:** When the White House delivered its fiscal 2024 spending request to lawmakers, it included dollars for the services to pursue several multi-year procurement contacts for munitions lines, including for the Army’s Guided Multiple Launch Rocket System (GMLRS) and Patriot Advanced Capability-3 (PAC-3) Missile Segment Enhancement. And with the FY24 budget finally settled, the Army is ready to move out, according to its head of acquisition Doug Bush. Link
- **Autonomous Multi-domain Launcher meets another program milestone:** The U.S. Army's Autonomous Multi-domain Launcher (AML) program has achieved a significant milestone with a successful live-fire test of Reduced Range Practice Rockets at Yuma Proving Ground. Managed by the Combat Capabilities Development Command Aviation & Missile Center and Ground Vehicle Systems Center, the AML project focuses on developing a highly mobile, unmanned launcher capable of autonomous navigation and remote operations. This system aims to triple the

Predecisional

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Army's firepower capacity and enhance operational flexibility without increasing manpower requirements. The successful tests demonstrate the AML's capability to perform under autonomous control, promising a significant boost in combat readiness and effectiveness. Link

LONG RANGE PRECISION FIRES CROSS-FUNCTIONAL TEAM

Located at Fort Sill, Oklahoma, the Long-Range Precision Fires Cross-Functional Team leads a comprehensive modernization effort to deliver cutting-edge surface-to-surface fires systems that will significantly increase range and effects over currently fielded US and adversary systems. The CFT, collaborating closely with Army and industry partners, is driving solutions for the next generation of field artillery systems across all echelons: strategic, operational, and tactical. At the Strategic Level, the CFT is working on systems that provide the joint force with ranges exceeding that of our potential adversary systems, allowing the joint force to penetrate and dis-integrate adversary defensive capabilities. At the Operational Level, the CFT is leading efforts for the next generation of Army missiles, which will greatly increase the range, lethality and provide cross-domain capabilities to the joint force. At the tactical level, the CFT is integrating a new howitzer which will almost double the range of the howitzers currently fielded and provide range and lethality overmatch to the Brigade Combat Team.

- **S&T Products include** Hypersonic weapons, • Extended Range Cannon Artillery, • Enhances guidance and navigation for weapon systems, • Advanced energetics for improved propulsion and more lethal warheads, • Next generation radar.
- **Director of Long-Range Precision Fires Cross-Functional Team:** BG Rory Crooks oversees the rest of the as well portfolio.
- **Project Manager for Combat Armament System:** COL Leon Rogers, in the Joint Program Executive Office for Armaments and Ammunition
- **The U.S. Army's Strategic Mid-Range Fires (SMRF) System**: the U.S. Army is seeking to improve its ability to deliver what it refers to as long-range precision fires (LRPF) by upgrading current artillery and missile systems, developing new longer-ranged cannons and hypersonic weapons, and modifying existing air- and sea-launched missiles for ground launch.
    - **Originally known as the Mid-Range Capabilities (MRC) System**, SMRF is part of the Army's LRPF modernization portfolio. It is intended to hit targets at ranges between the Army's Precision Strike Missile (PrSM) (about 300 miles maximum range) and the developmental Long-Range Hypersonic Weapon (LRHW) system (about 1,725 miles maximum range).
    - According to the Army, the prototype SMRF battery is planned to consist of four launchers and a battery operations center (BOC). A decision has not been made on how many missiles each battery will have. SMRF batteries are to be equipped with a number of prime movers, trailers, generators, and support vehicles. The number of soldiers assigned to each battery is presently unknown. The Army plans for the first prototype SMRF battery to be fielded no later than the fourth quarter of FY2023 and three additional batteries are to be fielded on an annual basis thereafter. The Army plans to field a SMRF battery in the Strategic Fires Battalion of the Army's regionally aligned Multi-Domain Task Force (MDTF). The Army plans to field its first prototype SMRC battery no later than the fourth quarter FY2023.
    - **Latest CRS Report**: Link
- **Long-Range Hypersonic Weapon (LRHW):** The Army's Long-Range Hypersonic Weapon (LRHW), with a reported range of 1,725 miles, consists of a ground-launched missile equipped with a hypersonic glide body and associated transport, support, and fire control equipment.
    - The LRHW system provides the Army with a strategic attack weapon system to defeat Anti-Access/Area Denial (A2/AD) capabilities, suppress adversary long-range fires, and engage other high payoff/time critical targets. The Army is working closely with the Navy in the development of the LRHW.
    - LRHW is comprised of the Common Hypersonic Glide Body (C-HGB), and the Navy 34.5-inch booster.
    - The Army plans to field a prototype LRHW battery in FY2023 and transition to a formal Program of Record and field the second and third batteries in FY2025 and FY2027. There are also plans for technology insertions intended to upgrade the C-HGB in FY2026 and FY2027.
    - **Latest CRS Report**: Link
- **Extended Range Cannon Artillery (ERCA):** Cancelled

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ASSURED POSITIONING, NAVIGATION AND TIMING (APNT) / SPACE CROSS FUNCTIONAL TEAM & PEO INTELLIGENCE, ELECTRONIC WARFARE AND SENSORS (IEW&S)

- **APNT / Space CFT:** Link
- **Director:** Mr. Michael C. Monteleone III, Director for the Assured Positioning, Navigation and Timing/Space (APNT/Space) Cross-Functional Team (CFT)
- **Mission:** Headquartered at the Redstone Arsenal in Huntsville, Alabama, the Assured Positioning, Navigation and Timing/Space Cross-Functional Team is responsible for accelerating the delivery of advanced APNT, Tactical Space and Navigation Warfare capabilities to the Soldier. Working together with a core team of experts, the CFT informs technology and system requirements through continuous experimentation and prototyping, technology integration and Soldier feedback.
- **PEO IEW&S:** BG Ed Barker
    - PEO IEW&S is made up of a team of seven project managers dedicated to designing, delivering, and sustaining advanced technologies to give our Soldier the decisive edge. Offices located at Aberdeen Proving Ground, MD, Fort Belvoir, VA, Redstone Arsenal, AL and Los Angeles Air Force Base Link
    - PEO IEW&S develops and integrates sensors and sensor data across multiple technologies ensuring warfighters have a complete understanding of the battlefield. This is achieved through our ability to assimilate sensor information into relevant, timely products that can be used for targeting, situational awareness, force protection, and Reconnaissance, Surveillance, and Target Acquisition (RSTA).
- **PEO IEW&S Industry Engagements**: PEO Intelligence, Electronic Warfare and Sensors (PEO IEW&S) has started hosting a series of monthly Industry engagements designed to serve as a collaborative space for Industry and our PMs. Each event will include a review of the PEO's current Acquisition Requirements Lead Time (ARLT) and Procurement Administrative Lead Time (PALT) activities as well as updates on any timeline or requirements changes. Link
- **Growth in cyber mission leads to new PM Office at PEO IEW&S**: To support the expanding cyber, information warfare and tactical space missions, Project Management Cyber and Space (PM C&S), was created as a new project management office within Program Executive Office Intelligence, Electronic Warfare and Sensors (PEO IEW&S).
- **PM for Cyber & Space** Christopher Green.
- **Product Director, PM ASE Common Systems Integration**: Jason Matheny
- **Product Director Threat Warning (PD TW):** Mr. Jeffery Watteau
- **PM Electronic Warfare and Cyber (EW&C):** Link
- **Open Innovation Lab Website**: The PNT Modernization Office website: https://apntoil.army.mil/
- **Project Manager Intel Systems & Analytics (PM IS&A)** is responsible for developing a number of important Army modernization programs, but none more critical than the Tactical Intelligence Targeting Access Node (TITAN).

SOLDIER LETHALITY CROSS-FUNCTIONAL TEAM & PEO SOLDIER

The Soldier Lethality Cross-Functional Team was established at Fort Benning, Georgia, in 2018, for the purpose of pursuing the combat capabilities necessary to achieve and sustain over-match against enemy forces anywhere, and at any time. The concept of enhancing Soldier lethality necessitates a strategic focus on the needs and fundamental functions of the 21st Century Soldier in respect to shooting, movement and mobility, communications, and protection. The SL CFT's approach is unique in that it treats both the Soldier and the squad as an integrated combat platform and addresses these requirements in development of Next Generation Squad Weapons, the Enhanced Night Vision Goggle – Binocular and the Integrated Visual Augmentation System to enhance the performance, lethality and survivability of the Close Combat Force.

- **Brigadier General Monte L. Rone** is the Chief of Infantry and the director of the Soldier Lethality Cross Functional Team at Fort Moore, Georgia. Link
    - **Col. (Promotable) Phillip J. Kiniery III,** currently the deputy commander (Operations), 101st Airborne Division (Air Assault), Fort Campbell, Kentucky, has been selected for Commandant, U.S. Army Infantry School, U.S. Army Maneuver Center of Excellence; and director, Future Soldier Lethality Cross Functional Team, Army Futures Command, Fort Moore, Georgia. Link
- **Soldier Lethality investments** are oriented to the discovery, innovation, and transition of S&T solutions that provide Army Close Combat Forces with improved lethality, communication, mobility, situational awareness, protection, survivability, training, and human performance required to dominate in Multi-Domain Operations (MDO). Soldier Lethality leads research, development, and demonstration of S&T solutions to improve individual and team

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performance, reduce tactical surprise, increase protection, and enhance lethality in close combat on an intensely lethal and distributed battlefield, and within complex, urban terrain.

- **Next Generation Squad Weapons Program**: The SL CFT worked with enterprise partners and close combat units to spotlight and accelerate the Next Generation Squad Weapons Program (NGSW) through a rigorous SCD testing process to get to the point of selecting and contracting Vortex Optics to produce the XM157 Fire Control and Sig Sauer to produce the NGSW Rifle and Automatic Rifle.
    - **Next Generation Squad Weapon and optic exceed soldiers' expectations:** The first soldiers to field the Army's newest rifle and automatic rifle began live-fire training with the weapons this week, including demonstrations on how the new round can penetrate barriers to strike targets. Link
- **PEO Soldier:** BG Chris Schneider. The Program Management Office's organizational structure offers the essential platform needed to design, develop, procure, and field the hundreds of pieces of equipment used to enhance Soldiers' performance and safety. The four-board selected PMO's oversee a total of nine Product Management Offices and Directorates that are responsible for managing the life cycles of virtually everything Soldiers wear or carry into combat.
- **Project Manager Soldier Lethality (PM SL) (**COL Jason Bohannon) ensures that Soldiers on the battlefield have overmatch capabilities in individual and crew served weapons. PM SL supports Soldiers through the development, production, fielding, and sustainment of current and future weapons systems, as well as associated target acquisition/fire control products. As a result of PM SL's efforts, Soldiers benefit from continuous improvement programs and are equipped with systems that enhance both survivability and lethality.
    - **Next Generation Squad Weapon and optic exceed soldiers' expectations:** The first soldiers to field the Army's newest rifle and automatic rifle began live-fire training with the weapons this week, including demonstrations on how the new round can penetrate barriers to strike targets. Link
- **Project Manager Soldier Survivability (PM SSV)** develops and fields innovative Soldier protection equipment, functional uniforms and individual equipment that enhance mission effectiveness, and improved individual parachute systems. Each Product Team provides capabilities that are designed to optimize Soldier performance and allow them to operate in various environmental conditions. PM SSV consists of Product Manager Soldier Clothing & Individual Equipment (PdM SCIE), Product Manager Soldier Protective Equipment (PdM SPE), Product Manager Air Warrior (PdM AW), and the Rapid Fielding Initiative (RFI) Team responsible for fielding Soldier protection capabilities and individual equipment to the force.
- **Project Manager Soldier Warrior (SWAR)** (COL Anthony "Tony" Gibbs) develops, fields, and sustains integrated Soldier systems that deliver critical information at the point of need. These products provide capability improvements in battlefield command, communication, power, mobile handheld computing, and systems integration that deliver the situational awareness, survivability, and mobility required for unparalleled combat advantage.

SYNTHETIC TRAINING ENVIRONMENT CROSS-FUNCTIONAL TEAM, PEO STRI, ACC ORLANDO

Located in Orlando, Florida, the Synthetic Training Environment Cross-Functional Team's mission is to rapidly expand the Army's synthetic training environment and increase distribution of simulations capabilities down to the company level. The STE will enable tough, iterative, dynamic, and realistic multi-echelon combined arms maneuver, mission rehearsal and mission command collective training in support of multi-domain operations. STE CFT will deliver collective training, accessible at the point of need, to support operational, self-development and institutional training for Soldiers. The STE will provide complex operational environment representations anytime and anywhere in the world. The CFT will allow the units the repetitions necessary to accelerate individual skill and unit task proficiency for achieving and sustaining readiness.

- **Synthetic Training Environment Cross-Functional Team Director is BG William R. Glaser:** STE is the Army's top training modernization initiative. It replaces a hodgepodge of outdated, non-interoperable training simulators. A subject matter expert from the STE cross-functional team (CFT) compared the vision for interoperability to the development of railroads; non-interoperable platforms gave way to interoperable ones by necessity. Unlike the ITE, which patches together proprietary systems, STE will allow joint, interagency, and multi-national interoperability. Link
- **PEO STRI**
    - Priorities:
        - Synthetic Training Environment
        - Combat Training Centers
        - Persistent Cyber Training Environment
        - Strengthen Alliances, Attract New Partners
        - Medical Simulation

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- Systems: Link
- Organizational Chart: Link Organizations: https://bit.ly/35XcQXR

- **PEO STRI Leadership:** Currently SES Karen Saunders. Will become BG Christine A. Beeler, Program Executive Officer, Simulations, Training and Instrumentation, Orlando, Florida.
  - Deputy PEO Mr. Tim Bishop https://www.peostri.army.mil/
- **PM Synthetic Environment**: COL Nick Kioutas
- **PM Cyber, Test and Training**: COL Corey Hemingway
- **PL TADSS Support Operations**: Mr. Bob Wolfinger
- **PL International Programs Office**: Mr. Dale Whittaker
- **Army Contracting Command Orlando**: As a Training Contracting Center of Excellence, ACC-Orlando focuses on procuring a wide range of training and testing products and services to include non-system and system training devices, simulations and simulators; operations, maintenance and service support for test range instrumentation, ground and aerial targets, and services and threat systems for the Army. The contracting support services provided by ACC-Orlando are crucial for outfitting Soldiers with the latest live, virtual, constructive, and gaming training, simulation and instrumentation, goods, and services.
  - Email: usarmy.orlando.peo-stri.list.acc-orl-mission-ops@mail.mil
  - Monthly Awards from ACC-Orlando: Link
  - ACC - Orlando Workload POC Chart: Link
  - The Army Material Command (AMC) Office of Small Business Programs (OSBP) Orlando manages the Small Business Program for Army Contracting Command - Orlando (ACC-Orlando) contracting requirements. The OSBP ensures adherence to policies, procedures and regulations impacting small businesses, and seeks to maximize small business opportunities.
- **Collaborate with PEO STRI**: Link

PEO EIS

PEO EIS is responsible for managing and providing the information technology network and business systems that Soldiers and the U.S. Army need to operate every day. https://www.eis.army.mil/

- **PEO:** Mr. Bill Hepworth
- **PEO Perspective:** Link
- **Acting Deputy PEO:** COL Robert Wolfe
- **PEO EIS Programs**: https://www.eis.army.mil/programs
- **PEO EIS Leadership**: Link
  - **To Set Up a Meeting with PEO EIS**: Link
- **Procurement Forecast**: PEO EIS Industry Procurement Forecast. You can download the PDF of the forecast here.
- **Latest PEO News**: Link
- **Latest Opportunities**: Link
- **Interested in doing business with PEO EIS? Fill out the form**. Link
- **PEO EIS – CHESS: Computer Hardware, Enterprise Software and Solutions (CHESS**) is the Army's designated primary source for commercial IT. CHESS provides a no-fee, flexible procurement strategy through which an Army user may procure commercial-off-the-shelf (COTS) IT hardware, software, and services via an e-commerce (IT e-mart) based process.
  - **Product Lead:** Ms. Sarah Mullins.
- **PM Army Data and Analytics Platforms (ARDAP):** Army Data and Analytics Platforms (ARDAP) enables scalable, agile, and trusted data platforms –integrated with data services/applications, visualization analytic tools –to facilitate fact-based and resource-informed decision-making.
  - **Project Manager ARDAP:** Ms. Jennifer Potts
  - **Deputy Project Manager**: Mr. Toney Howard
- **PM IPPS-A**: COL Robert Mikesh: The Integrated Personnel and Pay System – Army (IPPS-A) portfolio of systems delivers and supports Human Capital capabilities providing data driven systems to enable Total Force Visibility and Enhance Army Readiness.
- **PM DIBS:** Mr. Kevin Curry: Defense Integrated Business Systems (DIBS) is accountable for standardizing, streamlining, and sharing critical data across the Army, Department of Defense, and industry partners. DIBS procures and delivers the best management capabilities to Soldiers and end users.

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- **Ms. Kelly Rutherford, Product Lead Foreign Military Sales** - Army Case Execution System (FMS-ACES). Ms. Rutherford is responsible for overseeing this new product office within the PM DIBS portfolio whose mission is modernizing the legacy case implementation, execution, and closure system (CISIL), and consolidating functionality included in several ancillary applications used to improve and enhance CISIL processes and user interfaces.
- **Project Manager Defensive Cyber Operations**: Mr. Robert Zoppa: Defensive Cyber Operations (DCO) rapidly delivers innovative and dominant cyberspace capabilities, as well as tailored information technology solutions for our national, joint, and allied partners. We are the leader within the cyber space domain, delivering innovative, integrated, and cost-effective solutions.
- **Product Manager Cyber Analytics and Detection (CAD):** LTC Dakota Steedsman: Cyber Analytics and Detection (CAD) provides essential capabilities required to protect against, search and discover, mitigate, and engage, and eradicate advanced cyberspace threats and vulnerabilities.
- **Product Manager Cyber Platforms and Systems (CPS):** LTC Bradley Son: Cyber Platform & Systems (CPS) focuses on the procurement and delivery of cyber platforms and cybersecurity tools for the Armed Forces. The Cyber Platform is the foundational piece of equipment used by Cyber Soldiers. It allows them to conduct maneuvers on cyber terrain and affect Department of Defense Information Network (DODIN) defense.
- **Product Lead Technology Application Office (TAO):** John Swart
- Product Lead Applied Cyber Technologies (ACT): Art Edgeson: ACT, through DCO Development Environment (DCODE), is the mechanism to bring in rapid innovation, sustainment of Defensive Cyber Systems, and Training and DEVSECOPS Environment. This capability spans three mission sets: Forge, Armory, and Mission network.
- **Product Lead Allied Information Technology (AIT):** Ryan Greeney: To provide customized solutions in the Command, Control, Communications, Computers, Cyber, and Intelligence (C5I) domain to Partner Nations in support of the Warfighter's objectives to build partner capacity and interoperability.

JOINT PROGRAM EXECUTIVE OFFICE ARMAMENTS & AMMUNITION (JPEO A&A)

The Joint Program Executive Office Armaments & Ammunition (JPEO A&A) is an innovative and empowered team committed to rapidly fielding dominating capabilities to the Soldier. The JPEO is responsible for development, procurement and fielding lethal armaments and ammunition, providing Joint Warfighters and Allied Partners overmatch capabilities. This includes integrating budgets, acquisition strategies, R&D and life-cycle management across all armament and ammunition families. JPEO A&A is located at Picatinny Arsenal, New Jersey and is comprised of seven project offices, and serves as the Single Manager for Conventional Ammunition.

- **JPEO Portfolio Book:** Link
- **JPEO A&A and Picatinny Arsenal Commanding General:** BG John Reim
- **JPEO TDP's**: It is JPEO Armaments & Ammunition (JPEO A&A) policy to encourage and allow industry to request Army Technical Data Packages (TDPs) in advance of future potential solicitation releases. The benefits of providing an opportunity for industry to receive Army TDPs include: (1) to increase potential competition; (2) to increase the quality of armaments and ammunition; and (3) to enable contractors to better prepare for potential future solicitations. Link
- **Directorate of Integration (DoI):** influences and guides action at the system of systems level to facilitate the rapid delivery of emergent and disruptive capability across the JPEO AA portfolio by synchronizing program efforts, facilitating the definition of architectures/ standards, and identifying and cultivating technology investments.
- **Project Manager Close Combat Systems (PM CCS**): provides dominant and innovative lethal and protective capabilities for the Joint Warfighter. Team CCS' contributions span multiple Services and support the spectrum of conflict from lethal to intermediate force. The capabilities are used in multi-domain operations to enable efficient and effective Joint Warfighter success.
- **Project Manager Combat Ammunition Systems (PM CAS):** develops, produces, and equips Soldiers and Marines with conventional artillery and mortar ammunition, precision ammunition, mortar weapons, and mortar fire control systems. Under the Single Manager for Conventional Ammunition (SMCA) responsibilities, PM CAS also procures ammunition for US Marine Corps, US Air Force, US Special Operations Command, and our allies. Project Manager: COL Leon Rogers
    - **The 81mm Infantry Battalion Mortar System (IBMS): W15QKN-24-X-0ZR0:** The U.S. Army Contracting Command-New Jersey (ACC-NJ), Picatinny Arsenal, NJ 07806-5000, on behalf of the Office of the Product Manager Precision Fires and Mortars (PdM PFM) and the Office of the Project Manager Combat Ammunition Systems (PM CAS), located at Picatinny Arsenal, New Jersey, is conducting a market survey to identify capable sources for the Infantry Battalion Mortar System (IBMS). The purpose of this market survey is to obtain current information on the capability of all potential companies to develop and/or produce the

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IBMS/Enhanced 81mm (E81mm) system or any components thereof and/or the ability to integrate into a complete system. Respondents are expected to provide responses for components or systems capable of meeting an aggressive development, integration, testing, and fielding program. All components/systems except ammunition are required to be at a Technology Readiness Level (TRL) no less than 6 by of the end of Q4 FY2025. Ammunition is required to be at a TRL no less than 6 by of the end of Q2 FY2027. Link

- Response Date: May 17, 2024 05:00 pm EDT

- **Project Director Joint Services (PD JS):** enables the acquisition, manufacturing, and demilitarization of ammunition for the Joint Warfighter.
- **Project Director Joint Bombs (PD JB):** executes Single Manager for Conventional Ammunition (SMCA) acquisition responsibility for Bombs, Navy Gun Ammunition and Energetics product lines for the Air Force and Navy as well as CAD/PADs for Army Aviation.
- **Project Manager Maneuver Ammunition Systems (PM MAS):** provides direct fire combat and training ammunition capabilities to Warfighters (Army, Navy, Air Force, Marines) and government agencies to support Dismounted Soldiers, Combat Vehicles, Helicopters, Naval Vessels, and High-Performance Aircraft.
- **Project Manager Towed Artillery Systems (PM TAS):** enables U.S. and allied warfighter dominance through the development, equipping and sustainment of world class Cannon Artillery and Survey Systems.

OTA'S

- **Other Transactions Training:**
  - DARPA training presentation about Other Transactions (short version): Link
  - DARPA training presentation about Other Transactions (extended version): Link
- **Guide to Research Other Transactions**: Link
- **Other Transactions Guide, Office of the Under Secretary of Defense for Acquisition and Sustainment:** This is the official DoD guidance for Other Transactions: Link
- **DAU Contracting Cone OT's:** Link

DEFENSE INDUSTRIAL BASE CONSORTIUM (DIBC)

Defense Industrial Base Consortium (DIBC): Led by the efforts of the Consortium Manager, this OT Agreement will accelerate Department of Defense (DoD) access to technologies typically reserved for commercial development. The consortium managed OT Agreement will enhance MCEIP's mission of addressing defense supply chain issues, developing the industrial workforce, sustaining critical production, commercializing Research and Development (R&D) efforts, and rapidly scaling emerging technologies to build a robust, resilient DIB. Link

- The DoD announced the award of an Other Transaction Agreement (OTA) to **Advanced Technology International (ATI)** to serve as the consortium manager for the Defense Industrial Base Consortium (DIBC). This DIBC OTA will enable rapid research and allow access to commercial solutions for defense requirements and innovations from industry, academia, and non-traditional contractors.

NAMC

NAMC is a member-led 501(c)(3) non-profit corporation whose mission is to provide professional opportunities and connections that result in cutting-edge technology for the United States Military. As one of the longest-serving Department of Defense (DoD) consortiums, NAMC is mission-focused, with an objective to provide advanced capabilities for the warfighters of the United States military by serving as a bridge between the DoD and consortium member firms, enabling collaboration within industry and advancing technologies relevant to the DoD's future warfighting needs.

- NAMC 's approximately 500 member organizations come from a variety of industries and backgrounds, including traditional and non-traditional defense contractors (NDCs), large and small businesses, non-profit and academic organizations. 2/3rd of NAMC members are small businesses and/or NDCs. Link.
- **Donuts and Defense**: 11 June
- **The Government has released the draft Fiscal Year 2025 Annual Plan Request for Prototype Proposals (RPP).** RPP-24-A09 contains 18 Requirements in the Architecture & Modularity, Autonomy, External Systems, Modeling & Simulation, Platforms, and Survivability Technology Objective Areas.

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NAMC OPEN/IN DEVELOPMENT PROJECTS					
Project Identifier	**Project Title**	**Customer**	**Release Date***	**Estimated Value**	**Notes**
RFI-00-18	Unmanned Air System (UAS)	NGCV CFT and GVSC	Q2 FY 24	N/A	RFI responses due 17 APR 2024
RPP-24-Dxx	Soft Kill (SK) Active Protection Systems (APS)	PdM VPS	FY 24	TBD	RPP in development
RPP-24-D14	Extreme Energy High Voltage (EEHV)	GVPM	FY 24	TBD	RPP in development Jessica Sierakowski Project Manager jessicas@namconsortium.org
RPP-24-A09	FY 25 Annual Plan	Various	Q3 FY 24	TBD	RPP released 01 April 2024 RPP Responses due 17 May 2024
TR18	Prototyping of an Adaptive and Collaborative Approach to Vehicle Protection Systems (VPS)	PEO GCS, PM VPS	Q3 FY21	N/A	RWP Open for Membership in the COI Follow-On to Task Request 08 MAF. Volunteer-based COI will be expanded. No funding available to NAMC Members for this initiative.

NAMC CLOSED PROJECTS					
Project Identifier	Project Title	Customer	Release Date*	Estimated Value	Notes
RPP-23-02	Purpose Built Non-Standard Commercial vehicle (PB-NSCV)	PM FOSOV	Q2/Q3 FY23	$10M	3 awards: AM General, Battelle, Navistar Defense
RPP-23-04	Combat Vehicle Robotics (CoVeR) Year 5	GVSC GVR	Q2/Q3 FY23	$6M	2 awards: GS Engineering, Soar Technology
RPP-24-A01	FY 24 Annual Plan	Various	Q1 FY 24	TBD	28 proposals received against 10 requirements on 7 FEB 2024
RPP-24-D02	Electric Light Reconnaissance Vehicle (eLRV)	GVSC	Q2 FY 24	$3.3M per award	4 proposals received 22 MAR 2024
RPP-24-D06	Small Multipurpose Equipment Transport (S-MET) Increment II	PM RAS	Q1 FY 24	$11.6M per award	6 proposals received 29 FEB 2024
RPP-24-D07	Self-Support Portable Distributed Refueling System (SPDRS)	NSWC	Q1 FY 24	$200k per award	4 proposals received 9 FEB 2024
RWP-24-D11	Human-Machine Integrated Formations (HMIF) Network	RCCTO	Q2 FY 24	TBD	10 white papers received 2 APR 2024

RPP-24-D04 and D05 have both been cancelled, RPP-24-D05 is likely to come back as an RWP

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UPCOMING EVENTS

EVENT	LOCATION	DATE	INFORMATION
Cyber Summit	Troy, MI	May 7-8	NDIA Cyber Security Summit 7-8 May Link
LANPAC	Honolulu, HI	May 14-16	International event highlighting the role of land forces in the Indo-Pacific theater and their contributions to the Joint Force in peace and war.
National Congress on NGCVs	Arlington, VA	May 21-24	The National Congress on Next Generation Combat Vehicles is the paramount gathering platform where the future of armored warfare takes center stage. This second annual event will provide a unique, intimate platform for executive-level discussion of the latest innovations in combat vehicle technology, from state-of-the-art tanks to futuristic infantry fighting vehicles. Link
Space, Enabling Multi-Domain Operations	Long Beach, CA	May 30-31	Symposium will include a wide range of participants from the U.S. Army, U.S. Space Command, U.S. Space Force, Space Development Agency, Missile Defense Agency, industry, and academia to ensure a lively and thought-provoking symposium. Link
Navy Small Business Summit	Macomb, MI	Jun 6	US Department of the Navy (DON) Small Business Summit. valuable insights into "Doing Business with the DON," uncovering who we are, our mission, and the array of opportunities available for small businesses. Delve into the Mentor-Prot g Program (MPP), learning about its benefits, workings, and how it fosters valuable partnerships. We'll also explore the nuances of subcontracting with the DON, equipping you with knowledge to thrive in this sector. Link
MOSA	National Harbor, MD	Jun 17-18	Modular Open System Approach Summit & Expo, Exhibit your cutting-edge technologies, connect with top government offices and industry leaders driving MOSA solutions in innovation. Learn more: Link
Eurasatory	Paris, France	Jun 17-21	Held every two years in Paris, EUROSATORY offers a unique opportunity to meet manufacturers and start-ups from all over the world, Eurosatory 2024: The Global Event for Defence and Security
Armored Vehicles Conference	Austin, TX	June 25-26	Welcome to Armored Vehicles USA, the ultimate forum focused on Military Practitioners, Research and Development experts, Acquisition Managers, and Industry Partners. Join us as we convene to explore the latest advancements in technology, evolving CONOPS (Concept of Operations), and strategies to prepare for the future challenges of the Army beyond 2030. Be part of this vital conversation and shape the future of armored vehicles.
Farnborough Air Show	Farnborough UK	July 22-26	The Farnborough International Airshow remains the leader in connecting the world of aerospace, hosting some of the largest and most successful events in an ever-changing aviation industry. Link
GVSETs	Novi, MI	Aug 13-15	The focus of this year's GVSETS is to explore technical areas which can support future formations and the digitization of the current and future Army. Link
Tobyhanna Industry Day	TYAD, PA	Aug 13-15	Attendees will hear briefings on Depot capabilities, get information about upcoming procurement opportunities, and tour the industrial operations.
NGAUS	Detroit, MI	Aug 23-26	146th General Conference & Exhibition | National Guard Association of the United States (Link)
AUSA Annual	Washington DC	Oct 14-16	The largest land power exposition and professional development forum in North America. Link
DoD Maintenance Symposium	Salt Lake City, UT	Dec 10-12	The Defense Logistics and Maintenance Exhibition is co-located with the DoD Maintenance Symposium, the only DoD event conducted by the Office of the Secretary of Defense entirely focused on the maintenance of weapon systems and equipment. Link

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