FY2027

Project Manager Electromagnetic Warfare & Collection

STRATEGIC PLANNING GUIDANCE

PM EW&C MISSION

To develop, field, and sustain integrated Electromagnetic Warfare (EW), Signals Intelligence (SIGINT), and Space capabilities for the Army, joint services, allies, and international partners.

PM EW&C VISION

An Army equipped for electromagnetic spectrum dominance in competition, crisis, and conflict.

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A MESSAGE FROM OUR

PROJECT MANAGER

Project Manager's Foreword

As part of the U.S. Army's 2025 Acquisition Reform, the Project Manager, Electronic Warfare & Cyber (PM EW&C) has been renamed Project Manager, Electromagnetic Warfare & Collection (PM EW&C) to reflect the updated portfolio of Electromagnetic Warfare (EW) and Signals Intelligence (SIGINT) programs. This transition occurred under the new Portfolio Acquisition Executive for Command and Control and Counter Command and Control (PAE C2 and Counter C2) and Capability Program Executive for Intelligence and Spectrum Warfare (CPE ISW) at Aberdeen Proving Ground, MD.

The Army's fundamental restructuring of the acquisition process prioritizes speed and efficiency over traditional approaches. These reforms will deliver tangible benefits by accelerating capability across the Army Acquisition Enterprise to support Capability Portfolio Management aligned with the emerging Army Warfighting Concepts. Integration with the Army's Next Generation Command and Control (NGC2) expands EMS awareness and C2 across the warfighting functions to support kinetic and non-kinetic targeting.

I am extremely proud of our workforce of more than 250 military and civilian professionals who have the unique and solemn responsibility to develop, field, and sustain integrated EW, SIGINT, and space capabilities for the Army, Joint Services, and international partners.

This guidebook is intended to provide you with our major programmatic efforts, priorities, and future contracting opportunities. We hope you will find it to be an informative and valuable resource and look forward to your continued collaboration in equipping our Army to achieve electromagnetic spectrum dominance in competition, crisis, and conflict.

Peace through Strength!

SCOTT L. SHAFFER
COL, SC
Project Manager, Electromagnetic Warfare & Collection

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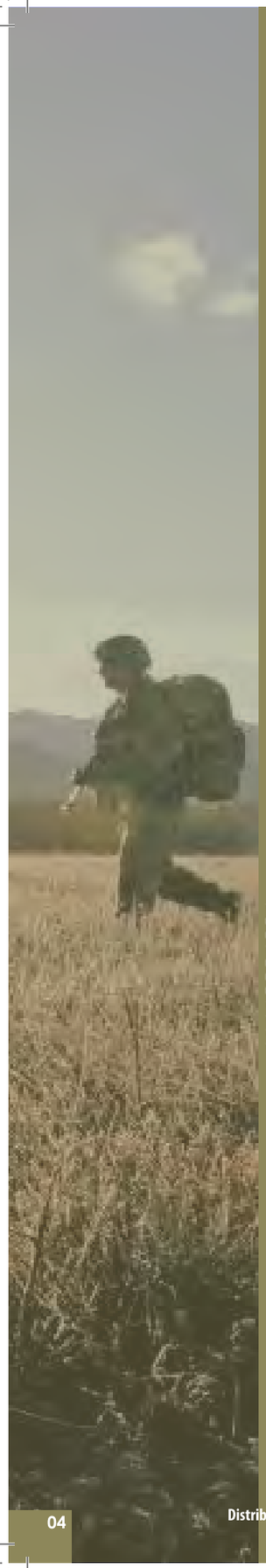

PM EW&C

HISTORY HIGHLIGHTS

Happy 250th Anniversary, America!

This tremendous milestone reflects the rich history of service, sacrifice and dedication that make our nation great.

PM EW&C focuses on upholding these values as we have since 1988—developing and fielding EW, SIGINT and cyber systems that provide Soldiers transformational and adaptive capabilities necessary to win our nation's wars.

1988

First program office established as PM Signals Warfare (PM SW) at Vint Hill Farms Station, VA.

1998

BRAC closed Vint Hill Farms, VA and moved PM SW to Ft. Monmouth, NJ

2005

CREW Duke named a Top 10 U.S. Army Greatest Invention

2011

BRAC closed Ft. Monmouth, NJ and moved PM EW (formerly PM SW) to APG, MD

2015

Redesignated the project office as PM EW&C

2018

PM EW&C received the DoD David Packard Excellence in Acquisition Award

2019

PM EW&C named the 2019 Army Acquisition Project Manager of the Year (O-6)

2021

PdM TSW named the 2021 Product Manager of the Year (O-5)

2026

PM EW&C renamed Project Manager Electromagnetic Warfare & Collection

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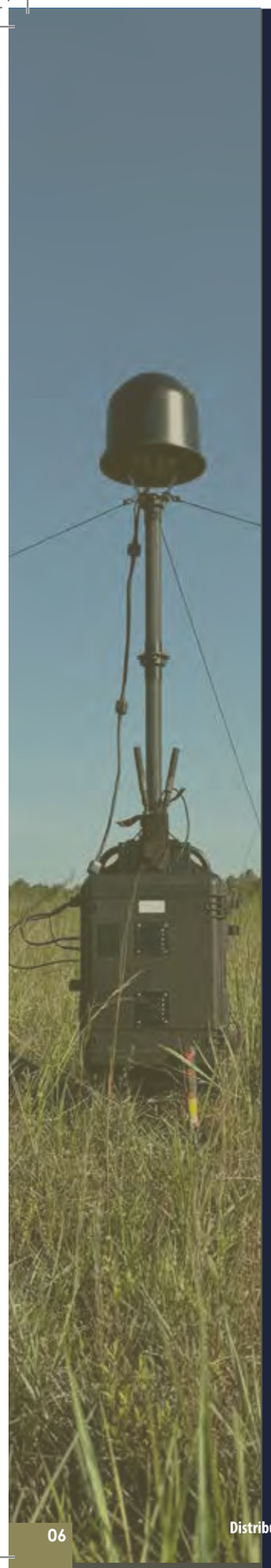

PM EW&C

PORTFOLIO OVERVIEW

PM EW&C oversees a diverse portfolio of programs managed by seven distinct offices. Driven by speed, flexibility and efficiency, these programs encompass advanced SIGINT and EW across land, air, sea, space and cyber to put capabilities into the hands of warfighters at home and worldwide.

- Prophet Enhanced (PE)
- Terrestrial Layer System (TLS) Manpack
- Spectrum Situational Awareness System (S2AS)

- Terrestrial Layer System – Echelons Above Brigade (TLS EAB)
- Theater SIGINT System (TSIGS)

- CREW Duke
- Aerial Electromagnetic Warfare (EW)
- Modular Electromagnetic Spectrum System (MEMSS)

- Electronic Warfare Planning and Management Tool (EWPMT)

- Tactical Integrated Ground Suite (TIGS)
- Counter Surveillance Reconnaissance (CSR)

- Supporting Army modernization priorities through the C5 OTA

- DoW CREW Single Manager for joint and international cooperation
- PM EW&C Foreign Military Sales (FMS) Manager

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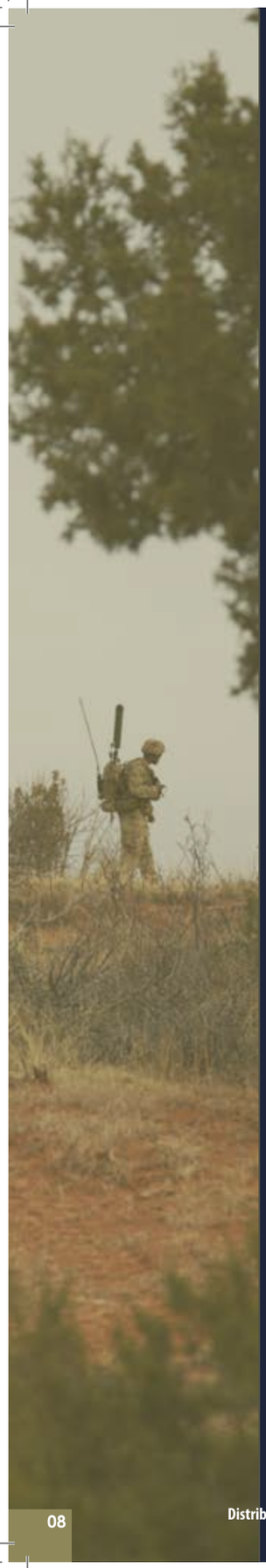

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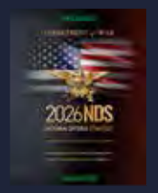
STRATEGIC ALIGNMENT

Achieving spectrum dominance relies on delivering capabilities to Soldiers that align with military objectives. Key to the success of this alignment is the strategic relationship maintained at all levels from National Security to the CPE ISW.

National Security Strategy (NSS)

The overarching strategy that outlines top national security concerns and plans to address them.



National Defense Strategy (NDS)

This document ties directly to the NSS and helps develop military planning objectives, from force structure to funding.

National Military Strategy (NMS)

A framework for joint forces to protect and advance U.S. national interests, the NMS defines the national military objectives, how to accomplish them and the capabilities needed to execute the strategy.

The Army and Army EW Strategies

With inputs from the NSS, NDS and NMS, the Army Strategy articulates how the Army achieves its objectives (defined by the Army Vision) and fulfills its role within the U.S. Armed Forces. In alignment with the Army Strategy, the EW Strategy institutionalizes EW capabilities across the U.S. Army to support Joint Force operations.

ASA(ALT) and CPE ISW Lines of Effort

Continuously modernize the Army, as part of the Joint Force, through rapid and timely development and delivery of Soldier capabilities that deter adversaries and win our Nation's wars.

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PRIORITIES

Field and Maintain Readiness:

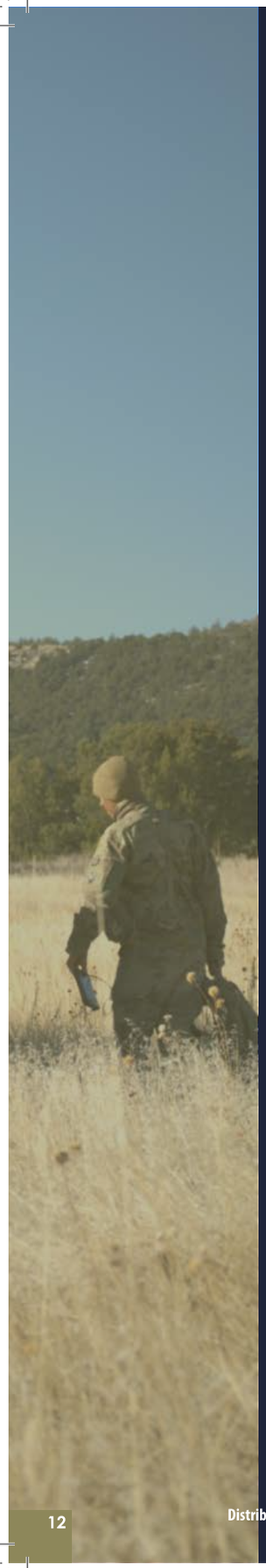
- **TLS Manpack:** Continue fielding; stay relevant and counter threats; procure Modular Adapter Kit (MAK); support ongoing operations
- **S2AS:** Fill significant gap with a dedicated EMS situational awareness system; Transformation in Contact (TiC) unit priority
- **TIGS:** Deliver capability to units; evolve capability to address requirements
- **TSIGS:** Transition from DEVCOM C5ISR to sustainment
- **Prophet:** Stay relevant against threats and sustain; support ongoing operations
- **CREW Duke:** Continue sustainment
- **EWPMT:** Continue fielding to give commanders the ability to visualize, control, manage and dominate the EMS

Build New Programs:

- **MEMSS:** Acquisition FY26 New Start
- **CSR:** Acquisition FY26 New Start
- **TLS EAB:** Prioritize TLS SIGINT and TLS EW at Divisions and TLS Extended Range (ER) at Corps
- **Aerial EW:** Pivot to incremental approach and delivery of capabilities
- **EWC2:** Support transition to Next Generation Command and Control (NGC2) as an application

Set Conditions for the Future:

- **Speed:** Pivot from ground up development of new capability to more mature, commercially/government available solutions
- **Agility:** Experiment and prototype with TiC units for Soldier feedback
- **Modularity:** Experiment and prototype on select platforms, but plan for platform agnostic capabilities
- **Capability at Echelon:** Provide capability at echelons, primary focus on Division



OPEN SYSTEMS ARCHITECTURE APPROACH

Software Frameworks

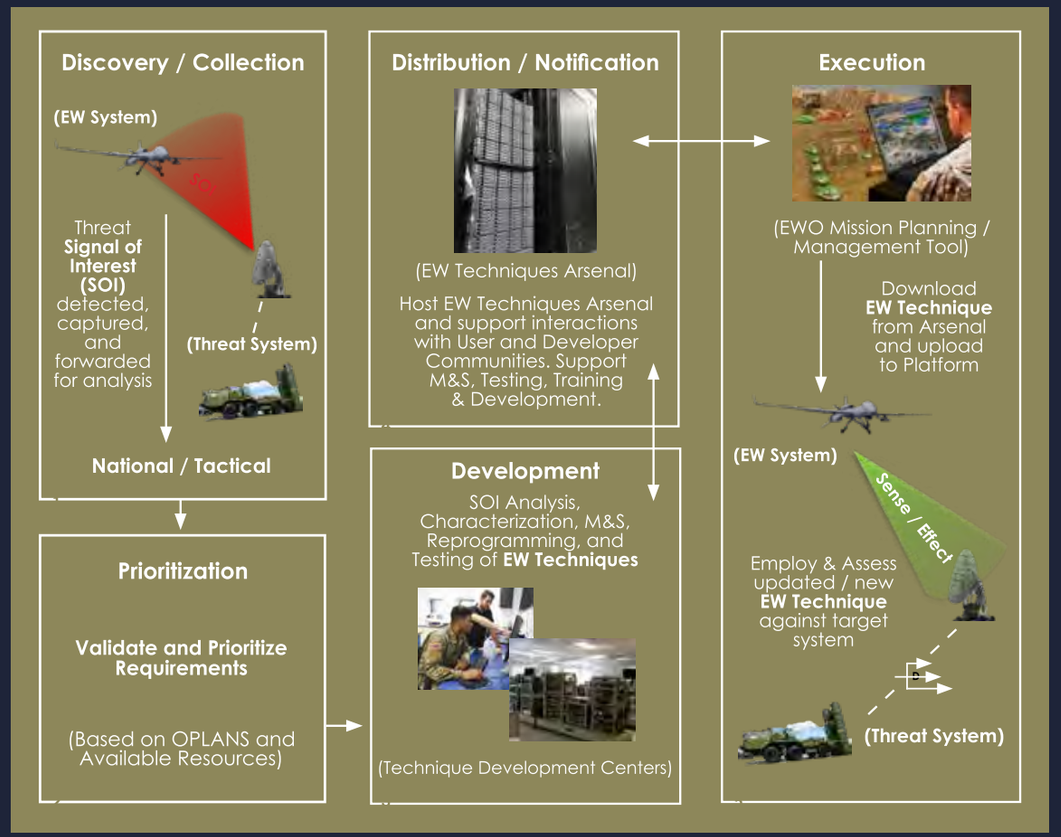
PM EW&C embraces the use of Software Frameworks to ingest best-of-breed capabilities for our SIGINT and EW mission needs. Frameworks of interest include the Common Framework Environment (CFE). CFE is an adaptable digital signal processing (DSP) platform used across the joint services providing rapid capability development, integration, and delivery.

- On-demand data access to wideband I/Q samples
- High-speed and parallel access enable concurrent DSP applications

- High-performance, parallel ingress to big data
- Access multiple segregated services running concurrently on a single common platform

- Delivery of digital signal information to CPU and GPU-based signal processing capabilities

- Environment for rapid development and insertion of new techniques/detectors and the inclusion of AI/ML capabilities to pace the threat



The "D" in this diagram stands for Deny, Degrade, Disrupt.

ELECTROMAGNETIC WARFARE TECHNIQUES ARSENAL (EWTA)

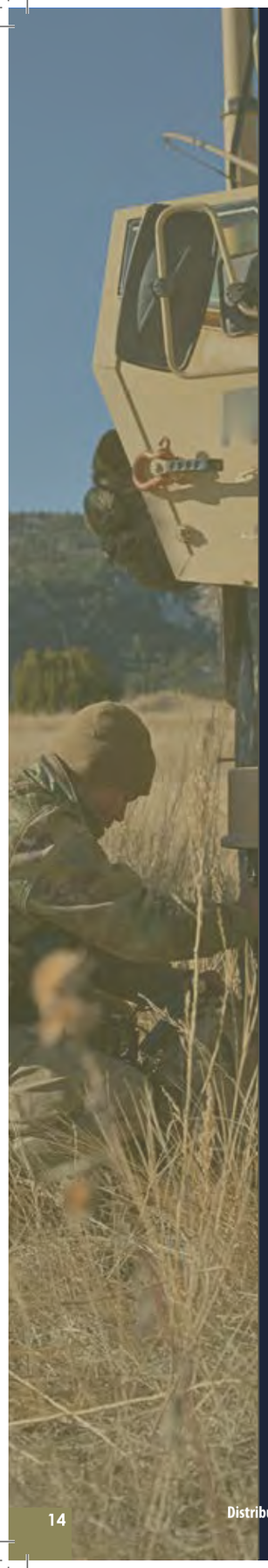
EWTA serves as a knowledge repository for techniques, systems, and associated targets to explore, find, plan, and use available capabilities. Expanding access to capabilities across the EWO community, Arsenal enables the rapid generation and analysis of target/technique/system pairings in coordination with the commander's intent. It also empowers the warfighter to incorporate non-kinetic effects more confidently at the time and place of need.

Arsenal Advantages:

- Capability awareness for mission planners (tools in the toolbox)
- Effects estimation, visualization, and Battle Damage Assessment (BDA)
- Assisted Course of Action (COA) generation
- Streamlined development pipeline and rapid reprogramming across multiple Army PoRs, services, and partners (i.e. technique portability)

CMOSS

PM EW&C continues to champion the use of standardized messaging, interfaces, and modular open systems architectures (MOSA) to facilitate interoperability and enable collaboration across our portfolio, joint services, and coalition partners. PM EW&C endorses, supports, and implements C5ISR/EW Modular Open Suite of Standards (CMOSS) where applicable and practical within our programs.



FY26-27 PM EW&C CONTRACTING OPPORTUNITIES

The forecast data is for planning purposes. It does not represent a pre-solicitation synopsis, does not constitute an invitation for bid or request for proposal, and is not a commitment by the government to purchase the desired products and services. Some opportunities for Tactical Space Superiority are out of scope for this handbook.

For more information, visit the CPE ISW industry page via the QR code below.

Opportunity	Contract Type / Vehicle	Description	Estimated Value	Estimated Solicitation Release	Contracting Office
Modular Electromagnetic Spectrum System (MEMSS)	TBD	MEMSS is an electromagnetic warfare (EW), capability providing Force Protection and Freedom of Maneuver through radio frequency emissions of radio communications.	$68M-$102M	TBD	ACC-APG
Prototype, Experiment, Production, Sustainment (PrEPS)	New Contract	The primary scope of the P3I Multiple Award Indefinite Delivery Indefinite Quantity contract vehicle will be design, P3I, testing, and Integrated Product Support for the Tactical Integrated Ground Suite System of Systems.	$1.6B-$2.4B	4QFY26	ACC-RSA
EW&C Systems Engineering and Technical Assistance (SETA) Follow on	New Task Order	Contractor-provided services to include programmatic services, technical services, engineering, testing, training, integration, business management, administrative and operational program support.	$150M-$250M	1QFY27	ACC-APG
Theater Signals Intelligence (SIGINT) System	TBD	Contractor-provided personnel, management, and services required to perform enterprise-wide sustainment for the TSIGS program.	TBD	3QFY27	ACC-APG

Additionally, PM EW&C seeks commercially available technologies that can be found through the Rapid Electromagnetic Warfare & Signals Intelligence Commercial Solutions Offering (REWSI) under the Army Open Solicitation (AOS) Commercial Solutions Opening (CSO).

For more information, visit sam.gov via the QR code below.

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MIDDLE TIER ACQUISITION

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TERRESTRIAL LAYER SYSTEM MANPACK (TLS MANPACK)

Middle Tier Acquisition

The TLS Manpack system is a tailorable, modular, terrestrial capability that allows the integration of SIGINT and EW collection, processing, exploitation, reporting, and effects capabilities within the SIGINT Collection Team (SCT) and Electromagnetic Warfare Team (EWT) elements. It provides the BCT commander with a tactical advantage through a robust state-of-the-art mobile EW capability for Multi-Domain Operations (MDO).

TLS Manpack is a fully configurable system capable of conducting radio frequency (RF) surveying, signals collection and direction-finding operations, EA and force protection operations, and EMS visualization and scanning/surveying operations.

SYSTEM INTERDEPENDENCIES

- Assured Positioning, Navigation and Timing (A-PNT)
- Tactical Networks
- Tactical Radio Communications
- SATCOM
- Armored Tactical Vehicles
- Tactical Electric Power

PROGRAM ACCOMPLISHMENTS

- FY23: Request for White Paper (RWP) and technical evaluation
- FY23: Phase 1 OTA Contract Award for prototype build and demo
- FY24: Prototype build and demonstration
- FY24: Transition to Middle Tier Acquisition Rapid Fielding
- FY24: Production, Training & Fielding Contract Award
- FY24: First Unit Issued

PROJECTED ACTIVITIES

- FY25-27: MTA Rapid Fielding

OEM/Contractor: Mastodon Design, LLC, a CACI subsidiary; W56KGY-24-D-0004
TO: W56KGY25F0122 (Rochester, NY)

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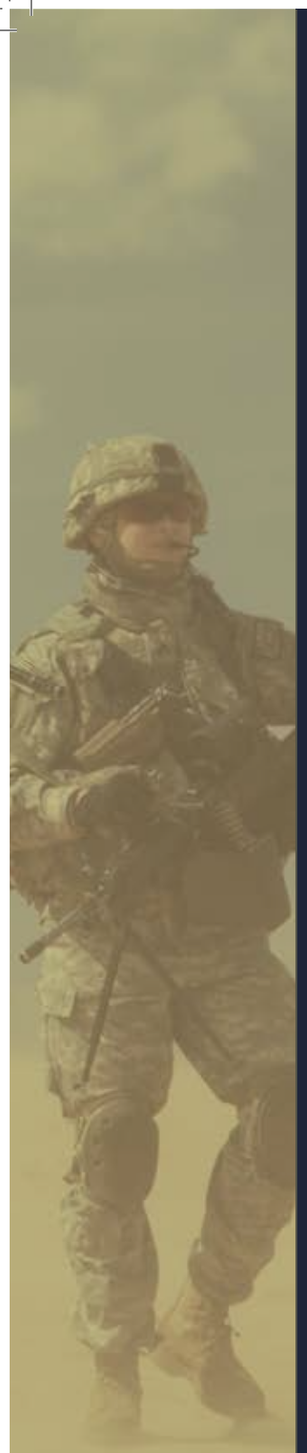


TERRESTRIAL LAYER SYSTEM ECHELONS ABOVE BRIGADE (TLS EAB)

Middle Tier Acquisition

TLS EAB provides indications and warnings to influence the commander's decision cycle, improves targeting quality, timeliness and accuracy, and provides electronic attack and offensive cyber warfare options to detect, deny, degrade, disrupt or otherwise manipulate the targeted force.

TLS EAB is a family of systems composed of multiple variants which provide integrated, distributed SIGINT and EW capabilities to Army Divisions, Corps and Multi-Domain Task Forces.

SYSTEM INTERDEPENDENCIES

- Next Generation Command and Control (NGC2)
- Assured Positioning Navigation and Timing (A-PNT)
- Tactical Vehicles
- Tactical Electric Power

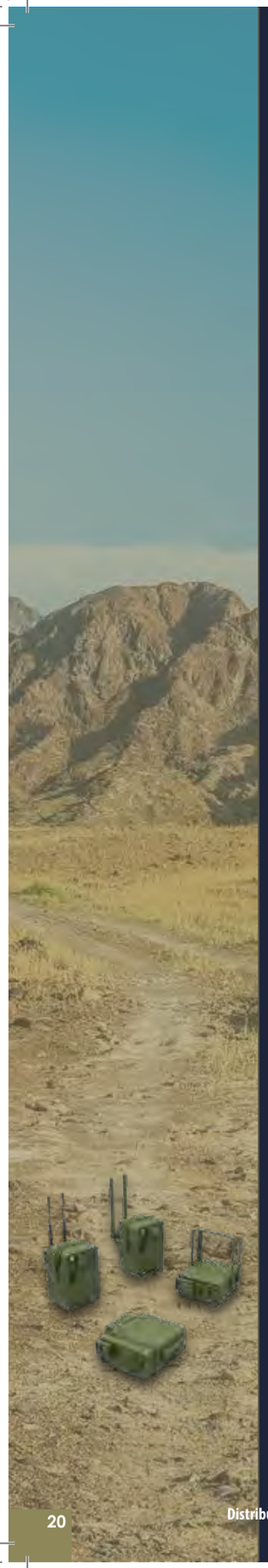
PROGRAM ACCOMPLISHMENTS

- FY22: Initiation of MTA Rapid Prototyping
- FY22: Competitive Prototype Design with OTA Awards
- FY23: Prototype Design Reviews & Soldier Touch Points (STPs)
- FY24: System Design Review (SDR)
- FY25: Prototype build and demonstrations

PROJECTED ACTIVITIES

- FY26: Developmental Testing
- FY27: Operational Demonstration
- FY27: Transition to Middle Tier Acquisition Rapid Fielding

OEM/Contractor: Lufburrow and Company;
W15QKN-17-9-5555
TO: W56KGY269A002 (Aberdeen, MD)



MODULAR ELECTROMAGNETIC SPECTRUM SYSTEM (MEMSS)

Middle Tier Acquisition

MEMSS fulfills critical requirement gaps for Command Post Survivability, Radio Frequency (RF) Signature Management, and Large-Scale Combat Operations through degradation of adversary decision making and their targeting cycle of our Soldiers, platforms, and mission command nodes.

MEMSS is an electromagnetic warfare (EW) capability providing force protection and freedom of maneuver through RF technical effects.

SYSTEM INTERDEPENDENCIES

- Electronic Warfare Planning and Management Tool (EWPMT)
- Spectrum Situational Awareness System (S2AS)
- Assured Positioning, Navigation and Timing (A-PNT)
- Tactical Networks
- Tactical Radio Communications

PROJECTED ACTIVITIES

- FY26: Acquisition New Start
- FY26: MTA Rapid Prototype Initiation

URGENT CAPABILITY ACQUISITION

Spectrum Situational Awareness System (S2AS) 22-23

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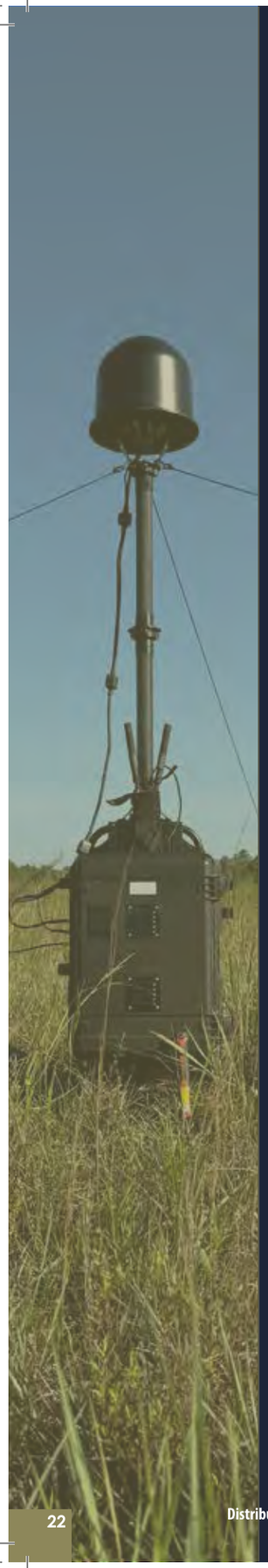

SPECTRUM SITUATIONAL AWARENESS SYSTEM (S2AS)

Urgent Capability Acquisition (UCA)

The S2AS senses, detects, and reports in near real time a command post's electromagnetic spectrum (EMS) signature and sources of electromagnetic interference (EMI) from all sources.

S2AS is a dedicated EMS situational awareness system that integrates with all versions of EWPMT to provide the commander with real-time EMS situational awareness to support Emissions Control (EMCON) decisions, EMI resolution, and warn operations centers of unauthorized or intentional sources of interference to enable MDO.

SYSTEM INTERDEPENDENCIES

- Electronic Warfare Planning and Management Tool (EWPMT)
- Assured Positioning, Navigation and Timing (A-PNT)
- Tactical Networks
- Tactical Radio Communications

PROGRAM ACCOMPLISHMENTS

- FY23: Designated Office of Primary Responsibility (OPR)
- FY23: AROC Approved A-CDD
- FY24: Technical evaluation
- FY25: Urgent Capability Acquisition
- FY25-26: Transformation in Contact (TiC) Unit Engagements

PROJECTED ACTIVITIES

- FY26: First Unit Issue
- FY27-32: MTA Rapid Fielding

OEM/Contractor: 3dB Labs, Inc. through Consortium Management Group (CMG) (West Chester Township, OH)

MAJOR CAPABILITY ACQUISITION

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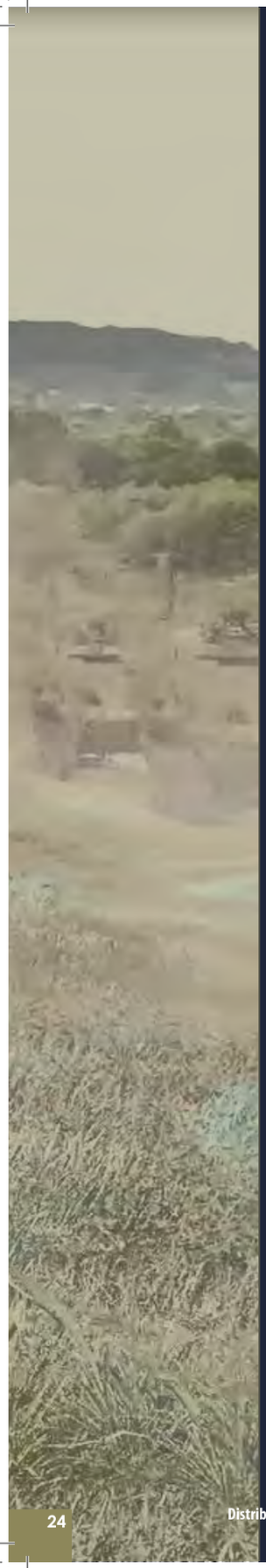

COUNTER RCIED ELECTRONIC WARFARE (CREW) / DUKE

ACAT II

Provides Soldiers with a force protection system for current and future combat vehicles as well as fixed site systems by establishing spectrum dominance for defeating RF-initiated ground IEDs and UAS attacks. Enables commanders to rapidly configure defensive posture against evolving threats and leverage best of breed technologies.

Designed to protect mounted and dismounted forces and fixed site locations by defeating threats that operate in the EMS including fuzed munitions, Radio Controlled Improvised Explosive Devices (RCIEDs) and Unmanned Aerial Systems (UAS).

SYSTEM INTERDEPENDENCIES

- Tactical vehicles
- Non-tactical vehicles

PROGRAM ACCOMPLISHMENTS

- FY25: Sustainment

PROJECTED ACTIVITIES

- FY26: Repurposed legacy technologies to support C-UAS

OEM/Contractor: SRCTec, LLC;
W56KGY-21-D-0002
TO: W56KGY26F0021 (Syracuse, NY)

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ELECTRONIC WARFARE PLANNING AND MANAGEMENT TOOL (EWPMT)

ACAT II

EWPMT is the electromagnetic warfare application to visualize, control, manage, and dominate the EMS in support of Electromagnetic Spectrum Operations (EMSO). It provides the ability to plan, model, and manage EW spectrum assets to provide non-kinetic effects against threat emissions and provide targeting support across Fires and Intelligence, which enable kinetic effects against threat targets.

EWPMT equips the Force with the tools necessary to provide EMS Awareness and enable freedom of maneuver across Multi-Domain Operations. Integration with the Army's Next Generation Command and Control (NGC2) is providing expanded EMS awareness, C2, and understanding across warfighting functions to shorten the targeting kill chain.

SYSTEM INTERDEPENDENCIES

- Assured Positioning, Navigation, and Timing (A-PNT)
- Next Generation Command and Control (NGC2)

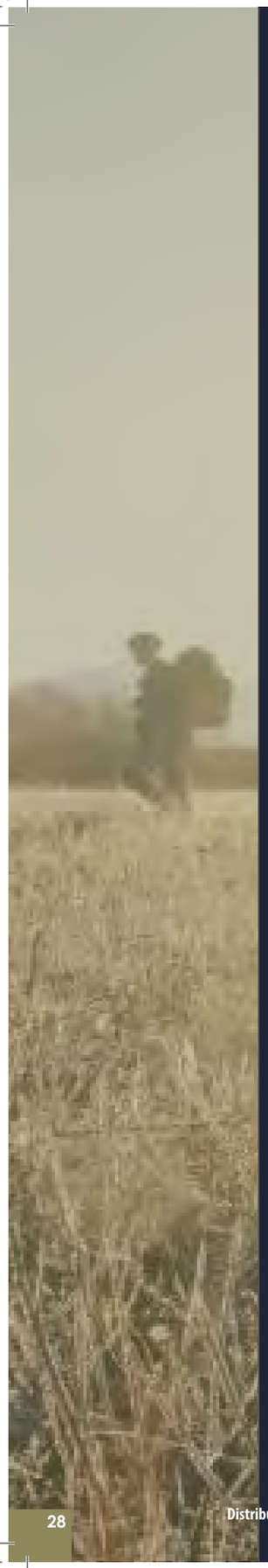
PROGRAM ACCOMPLISHMENTS

- FY21: Successfully completed IOT&E
- FY23: Full Deployment Decision (FDD)
- FY23+: Continued Fielding and SW releases

PROJECTED ACTIVITIES

- FY26+: Integration into NGC2 through the Electronic Warfare Command and Control (EWC2) application
- FY27: Continue to field EWPMT

OEM/Contractor: Parsons Government Services, Inc. (Centreville, VA); W15P7T19D0181



PROPHET ENHANCED (PE)

ACAT II

The PE system detects, identifies, and targets enemy emitters through multiple configurations supporting manpack, vehicle-mounted, and dismounted / fixed-site operations.

PE is a dedicated, all-weather, 24/7 ground-based tactical SIGINT and ES sensor system, providing force protection, situational awareness, and target development to the U.S. Army. PE is organic to the Military Intelligence (MI) Company (MICO) in the Brigade Combat Team (BCT) and to the Expeditionary – MI Brigade (E-MIB) at Corps.

Enhanced Signals Processing (ESP) upgrades provide:

- Near-peer threat processing
- GPU-based digital signal processing for future Signals-of-Interest (SOI) upgradability
- Multi-enclave network access

SYSTEM INTERDEPENDENCIES

- Global Positioning System
- Tactical Radio Communications Systems and Armored Tactical Vehicles

PROGRAM ACCOMPLISHMENTS

- FY17-21: Modify and Field AN/MLQ-44A to AN/MLQ-44B (POR-A to POR-B) Systems
- FY20-26: Modify and Field AN/MLQ-44B (POR-B) to ESP variant, AN/MLQ-44E (V) 1
- FY22: Sustainment Services Contract with CECOM
- FY23-25: Services and Technology Insertion

PROJECTED ACTIVITIES

- FY25-26: ESP Fielding
- FY25-35: Hardware Upgrades
- FY25-35: SOI Software Upgrades
- FY26: Services & Technology Insertion

OEM/Contractor: General Dynamics Mission Systems; W56JSR-23-D-0001
TO: W56KGY26F0014 (Scottsdale, AZ)

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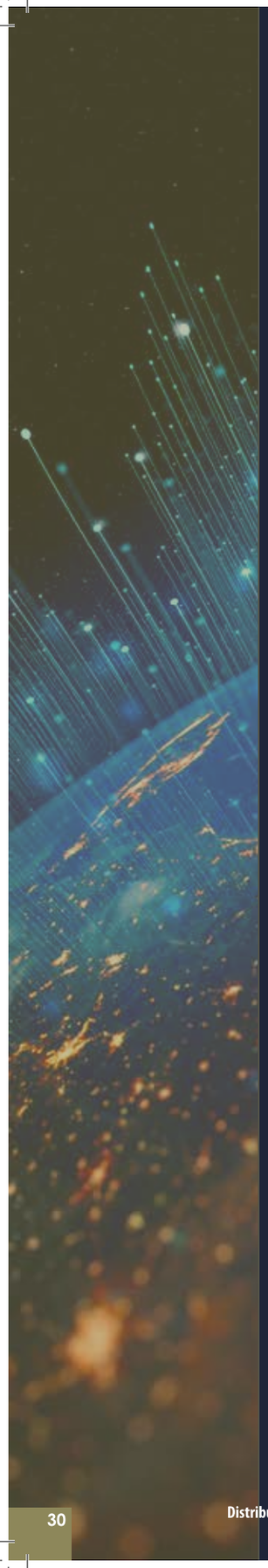

THEATER SIGINT SYSTEM (TSIGS)

ACAT IV

TSIGS provides tactical commanders at echelons above corps with a forward deployable, remotely, or locally controlled, SIGINT system for maintaining situational awareness and threat warning for contingency operations.

TSIGS is a family of systems comprised of persistent, non-persistent and survey signals SIGINT systems supported by a novel network transport layer. TSIGS is a passive collection system. When deployed, it can provide tactical survey capabilities and collection intended for persistent and non-persistent radio spectrum coverage, organic direction finding, and access to multiple communication links.

SYSTEM INTERDEPENDENCIES

- Assured Positioning, Navigation and Timing (A-PNT)
- Tactical Networks
- Tactical Radio Communications

PROGRAM ACCOMPLISHMENTS

FY23: Designated Office of Primary Responsibility (OPR) for Program
FY24: Acquisition Shaping Panel
FY25: AROC Approval of the CDD
FY25: MCA Program Initiation – Post MS C

PROJECTED ACTIVITIES

- FY26+: Operations and Sustainment

QUICK REACTION CAPABILITIES

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TACTICAL ELECTRONIC WARFARE SYSTEM (TEWS)

Quick Reaction Capability (QRC)

TEWS is a Quick Reaction Capability (QRC) that provides EA and ES capability to Brigade Combat Teams (BCT). Each TEWS consists of an integrated suite of RF antennas and receivers, processors, and EA hardware. TEWS processing includes machine learning signal recognition software as well as integration of Intelligence Community (IC) signal detectors and EA techniques.

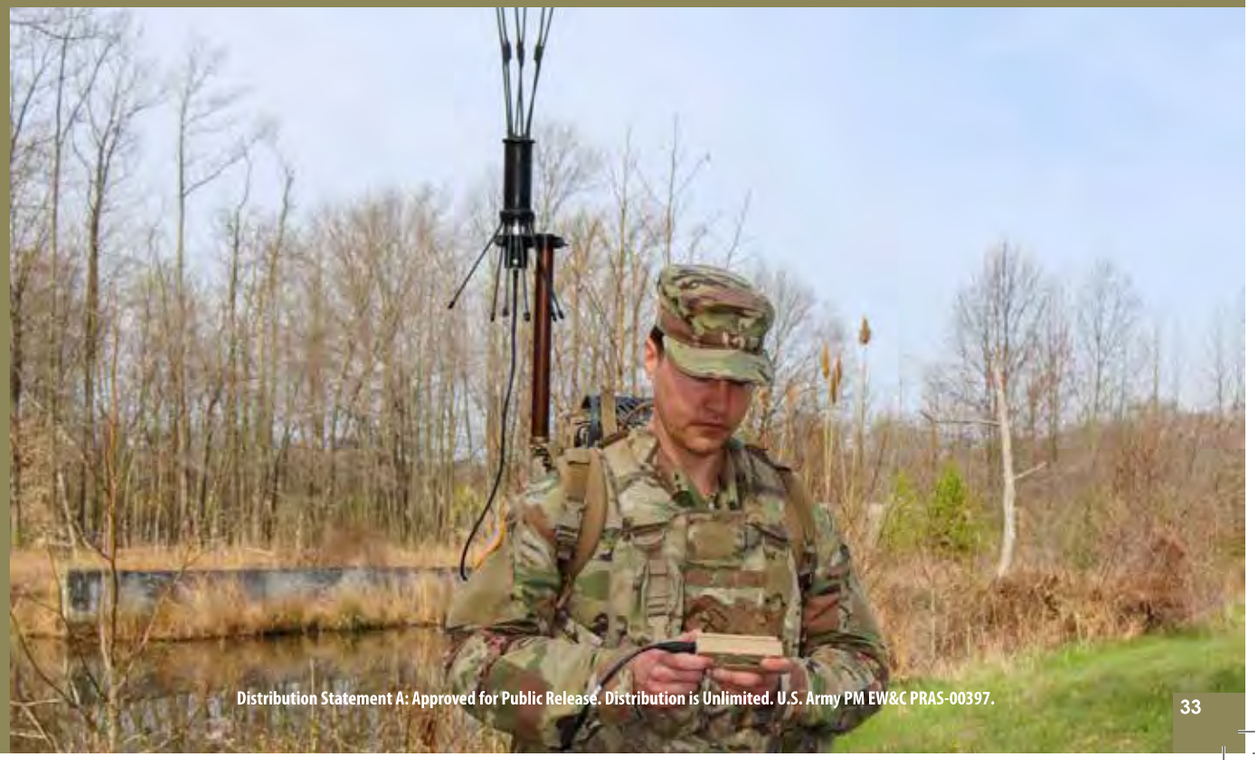
OEM/Contractor: General Dynamics Mission Systems (Scottsdale, AZ)
W56KGY-17-D-0006; TO: W56KGY19F0013

MODI DISMOUNTED EW SYSTEM (Modi)

Quick Reaction Capability (QRC)

Modi is a dismounted manpack programmable Quick Reaction Capability (QRC) system that provides full spectrum coverage allowing the warfighter the ability to maneuver with increased protection against Radio-Controlled Improvised Explosive Devices (R-CIEDs). It is designed to counter an array of diverse threats through state-of-the-art capabilities.

OEM/Contractor: Sierra Nevada Corporation (Sparks, NV)
W56KGY-22-D-0007; TO: W56KGY22F0092; DO: W56KGY24F0055



TACTICAL ELECTRONIC WARFARE SYSTEM-INFANTRY (TEWS-I)

Quick Reaction Capability (QRC)

TEWS-I is the corresponding TEWS capability for Infantry BCT formations. Each TEWS-I system consists of an integrated suite of RF antennas and receivers, and processors. TEWS-I conducts EA and ES using the same or similar hardware and software, to include the machine learning signal recognition software as well as integration of signal detectors in the TEWS.

OEM/Contractor: General Dynamics Mission Systems (Scottsdale, AZ)
W56KGY-17-D-0006; TO: W56KGY19F0013; and W56KGY20F0018

LONG RANGE AERIAL ELECTROMAGNETIC WARFARE (LRAEW)

Quick Reaction Capability (QRC)

LRAEW provides Brigade Combat Team (BCT) commanders with an organic airborne offensive EW capability. It is a platform agnostic airborne EW payload that can be mounted on various fixed winged and rotary aircraft.

OEM/Contractor: Honeywell International, Inc. (Charlotte, NC) through
U.S. Department of Energy

TETHERED UNMANNED AIRCRAFT SYSTEM (Te-UAS)

FY29 Future New Start

Te-UAS mitigates Army formation gaps in conducting reconnaissance and security, sensing beyond line-of-sight, and providing responsive effects.

BENEFIT TO THE SOLDIER

Te-UAS will increase lethality and mission effectiveness by providing a persistent network extension and sensing capability that improves the ability to rapidly pass targeting information from sensors to shooters in denied, degraded, intermittent, and low-bandwidth contested environments. This capability will assist in conducting robotic-enabled maneuver and assist in linking maneuver forces to organic and joint fires.

PROGRAM ACCOMPLISHMENTS

- FY26: Office of Primary Responsibility (OPR) Assignment

PROJECTED ACTIVITIES

- FY26: AROC-Approved CDD
- FY29: Acquisition New Start

DOW CREW SINGLE MANAGER

This office fulfills a role appointed to CPE ISW to assist the Secretary of the Army in overseeing Counter Radio-Controlled Improvised Explosive Device Electronic Warfare (CREW) capabilities across all branches of the DoW.

PM EW&C FOREIGN MILITARY SALES (FMS)

PM EW&C utilizes FMS to support the U.S. Army, allies, and friendly nations by fulfilling their needs for self-defense EW technology.

Benefits:

- Increases production, lowers cost and manages obsolescence
- Promotes interoperability and standardization
- Builds partner capacity
- Presents new technology

For information about PM EW&C FMS opportunities, please contact us at **usarmy.apg.peo-iews.mbx.pm-ewc-fms@army.mil**

C5 CONSORTIUM FOR OTHER TRANSACTION AUTHORITY (C5 OTA)

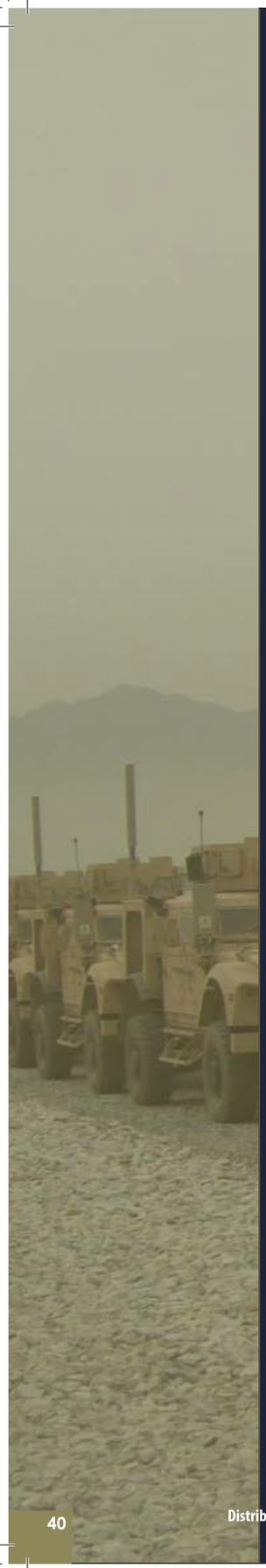
WHAT IS C5 OTA?

- Consortium for Command, Control and Communications in Cyberspace (C5)
- C5 is a consortium composed of leading companies and institutions in the C5 Intelligence Surveillance and Reconnaissance (ISR) and cyber technology domains
- C5 accelerates the development and deployment of new capabilities to the warfighter using the Other Transaction Authority
- C5 is the largest managed consortium consisting of over 1,300 leading technology companies, non-profits and academic institutions
- Typical Period of Performance (POP) is 1 to 3 years

How does the C5 OTA benefit you?

- Increases participation of non-traditional defense contractors
- Allows industry early visibility to shape requirements
- Maintains open dialogue with Government
- Reduces acquisition lead time
- Lowers bid and proposal cost

For more details, visit: **https://cmgcorp.org/c5/**



NEEDS FOR INDUSTRY FOCUS

EMERGING CONCEPTS:

- Attritable EW Payloads
- Disaggregated EW Payloads
- Remote unattended Sense & Effect Payloads
- High Altitude Platform Payloads
- Frequency Extensions

- CEMA Techniques (Detect, ID, Exploit, Attack)
- Miniaturized High Gain Broadband Directional & Steerable Antennas
- Miniaturized Broadband Power Amplifiers
- Low SWAP DF Antenna Arrays
- Fast Tuning Sensing, Detection, DF Algorithms
- Low SWAP Miniaturized Tuners, Radios, Processors
- Artificial Intelligence/Machine Learning Algorithms for SIGINT/EW/Cyber
- CMOSS Mounted Form Factor EW
- C5ISR/EW Modular Open Suite of Standards (CMOSS) Compatible Capabilities
- Ruggedized Low Power GPU HW
- Algorithms for Micro Service Architectures
- SIGINT/EW Modeling Simulation and Visualization
- Deep Sensing and Affecting in Contested and Denied Environments
- Transmitter Protection
- Distributed, Cooperative, Operation & Management for Sensing and Effecting
- Automated System/RF Component Resource Management
- Efficient Data Compression and Management in Support of PACE
- Advances in User Interfaces/Experience
- NAVWAR Data from Traditional and Non-Traditional Sources
- Weapon-Target Pairing Tools/Models/Simulations
- Software and Hardware Networking Cross Domain Solutions (CDS)
- Tethered Drone Payloads & Systems
- Blue Force Emissions Awareness

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PM EW&C

ELECTROMAGNETIC WARFARE & COLLECTION

Learn more about PM EW&C

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