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SPECIAL OPERATIONS FORCES ACQUISITION, TECHNOLOGY, & LOGISTICS

OVERVIEW

COL RAMSEY OLIVER

PROGRAM EXECUTIVE OFFICER



PEO SOF WARRIOR CAPABILITY PRIORITIES

- **Integration of Unmanned Systems (UxS), Autonomy, and Artificial Intelligence**
 - Incorporation of a variety of Autonomous and Unmanned Systems that are efficient, resilient, operate in multi-domains, and integrate into existing formations and mission spaces to enhance operational effectiveness.
- **Counter Unmanned Systems (CUxS) for Small Unit Maneuver**
 - SOF needs autonomously-aided solutions that will detect, track, identify, deter, and defeat the UxS and their control sources without preventing the SOF Operator from executing their primary mission.
- **All-Domain Signature Management**
 - Protections from Ubiquitous Technical Surveillance, in low SWaP form factors, that are autonomously reactive and offensive in nature across all-domains.

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SUPPORT TO ALL SOF COMPONENTS

MOBILITY

Individual and Ground Vehicles



SURVIVAL

Protection, Load Carriage & Medical



LETHALITY

Munitions, Visual Augmentation, Lasers, Weapons, & Precision Strike

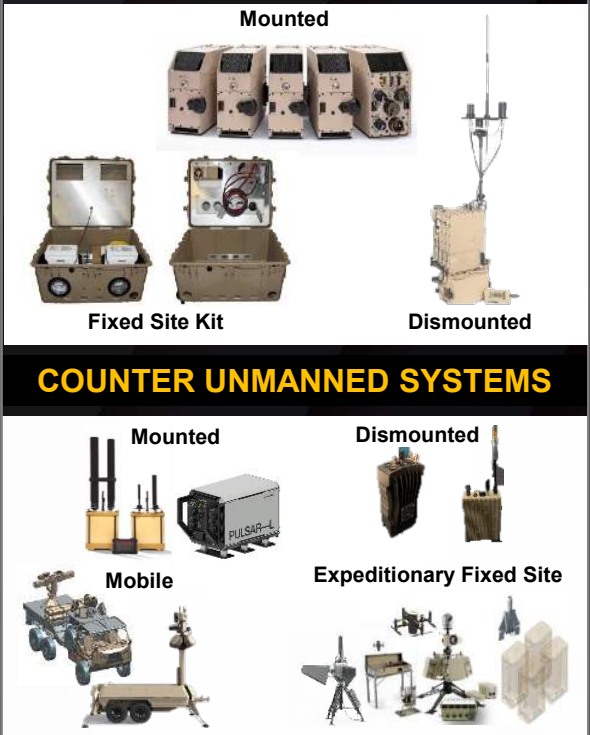


PRECISION STRIKE, LAUNCHED EFFECTS, & ROBOTICS



MULTI-MISSION COUNTERMEASURES

Detect, Identify, Track, Deter, & Defeat



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TRUSTED EXPERTS

PEO SOF WARRIOR OVERVIEW

VINCENT GRIZIO

PROGRAM MANAGER, FAMILY OF SPECIAL OPERATIONS VEHICLES



PM FAMILY OF SPECIAL OPERATIONS VEHICLES

CURRENT

LIGHT



MEDIUM



HEAVY



EMERGING



Snowmobiles



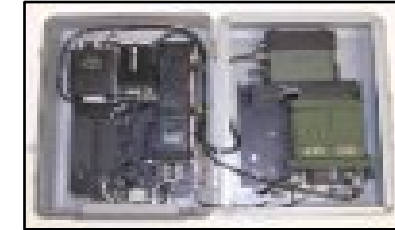
NSCV Next



NSCV Fly Away Kits



ISV w/ SOF mods



Comms SOF Mods



Mothership



Drive-by-Wire/Autonomy



Open Vehicle Architecture



Remote Weapon Station Upgrades



TECHNOLOGY INSERTION OPPORTUNITIES

- Lightweight Armor / Vehicle Components / Mods
- Vehicle Agnostic Modular Mission Kits
- Hybrid/Electric Vehicle Capabilities
- Autonomous / Semi-Autonomous Vehicle Capabilities
- Modular C4 kits
- SOF Modifications to Army vehicles
- Open Architecture Controllers (ECU, TCU, BCM)
- Cyber Hardening
- SIGMAN (Thermal, Vis, RF, Digital, Acoustic)
- Increased Lethality
- Low Visibility capabilities (embedded tech)
- TAK Server integration
- Arctic mods to current FOSOV fleet



OPPORTUNITIES FOR INDUSTRY

System Technical Service Engineering Support

- Developing mobility, electrical, and lethality related products
- Advanced chassis, body, and mobility handling prototyping
- Vehicle powertrain & drivetrain support
- Improving existing Original Equipment Manufacturer (OEM) components
- Develop Technical Data Packages

Prime Integration Support

Integration of physical components and assemblies:

- Lead Systems Integration for SOF Mods into Service vehicles / commercial vehicles
- Management of integration and deployment of SOF Mods
- Fabricated COTS
- Modified COTS
- GFM/GFE components

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ADAM FIELDS


PROGRAM MANAGER, PROTECTION AND INTEGRATION



PM PROTECTION AND INTEGRATION

SPECIAL OPERATIONS EQUIPMENT ADVANCED REQUIREMENTS (SPEAR)

SPEAR - Survival



Body Armor Plates

Soft Armor Inserts

Clandestine Body Armor


Coxswain Helmet

Ballistic Helmet Systems

Visual Augmentation System (VAS) Mounts

SOF Operator Eye Protection

SPEAR - Individual Equipment



Environmental Protection

Body Armor Vests

Land & Maritime Communication Systems

Backpacks

Modular Glove System

Load Carriage Systems

Power and Data Management

PERSONAL SIGNATURE MANAGEMENT (PSM)



Baseline PSM

ADVANCED TACTICAL FLOTATION SYSTEM (ATFS)



BRAIN HEALTH



POWER AND DATA ACCESSORY SUITE (PDAS)



TACTICAL COMBAT CASUALTY CARE (TCCC)



Operator Kit

CASEVAC Set

Medic Kit

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PEO SOF WARRIOR OVERVIEW

LTC ALAN K. WOOD

PROGRAM MANAGER, SOF LETHALITY



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PM SOF LETHALITY

WEAPONS



AMMUNITION



VISUAL AUGMENTATION



PRECISION STRIKE SYSTEMS



ISOF LETHALITY RANGE 2026 (14-15 APR 2026)

GOAL: Conduct hands-on market research of technology that addresses lethality gaps and informs future requirements

- Location: Nevada Test and Training Range (NTTR)
- Audience:
 - 600+ audience of dedicated operators, acquisition, and combat developer professionals across DoW & OGA
 - Up to 40+ ally and partner nations
 - 150+ companies and industry partners
- Characteristics:
 - ~75 live fire shooting exhibitor positions
 - Additional ~75 static exhibitor positions
 - Demos of small arms, lasers, fire control, mortars, breaching, demo, anti-armor and aerial loitering munitions
 - Night live fire for Visual Augmentation Systems, Lasers, Tracer Ammo, and other demos



ISOF Range Video

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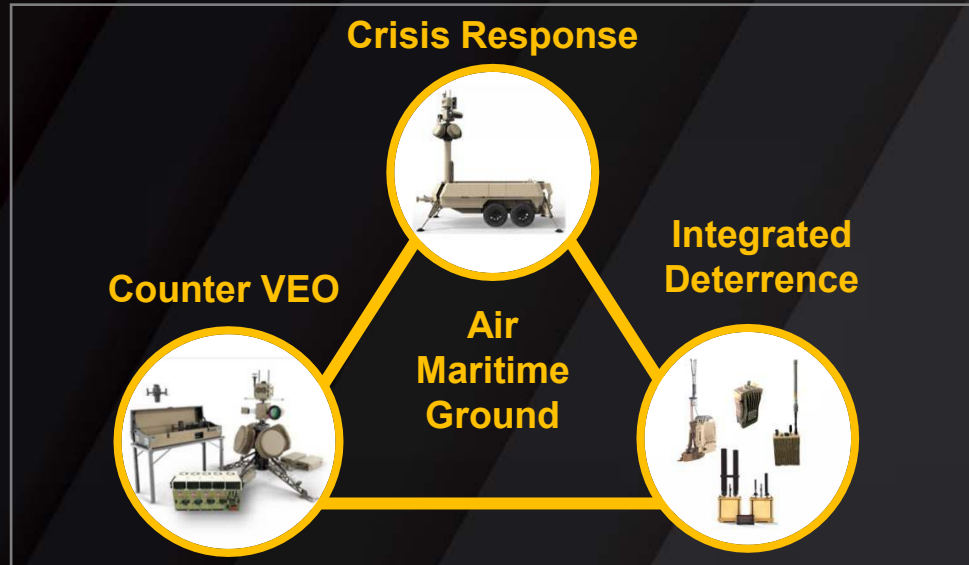
LTC STEVE GERRY

PROGRAM MANAGER, COUNTER PROLIFERATION



COUNTER UNMANNED SYSTEMS (CUxS)

Expeditionary Fixed Site - Mounted - Dismounted



- Prioritizing integrated & semi-autonomous open architecture system of systems – maximum modularity, optimized to mission and threat
- Growth Opportunities:
 - On the Move, On the X, Mounted & Dismounted CUxS
- USSOCOM remains sensor and effector agnostic in its approach to the CUxS mission

ACQUISITION STRATEGY

- Sensor & effector assessment/development based on capability gaps
- Review, assess, and adopt new capabilities for integration and fielding through our Systems Integration Partner (SIP)

PERIOD OF PERFORMANCE

- IDIQ Contract with 10-year ordering period

MILESTONES

- Systems Integration Partner (SIP) Contract Award – 1QFY22
- Semi Annual Operational Tests – ~2Q & 4Q

POINT OF CONTACT

- USSOCOM SOF AT&L, Engage SOF (eSOF) / VULCAN, eSOF@socom.mil

FUNDING

- RDT&E, PROC, and O&M

CURRENT CONTRACT/OEM

- Systems Integration Partner (SIP) – Anduril
- Sensors/Effectors – Various

MULTI-MISSION ELECTRONIC COUNTER MEASURES (MM-ECM)

Expeditionary Fixed Site - Mounted - Dismounted



- Modernizing for multi-mission, multi-domain capabilities
- Seeking industry engagement to capture advanced technology & techniques to counter emerging threats across the spectrum for integrated deterrence
- Next Generation MM-ECM Capabilities

ACQUISITION STRATEGY

- Modernization of fielded systems through technology insertion
- Next Gen MM-ECM Prototype OTA

PERIOD OF PERFORMANCE

- Active Modernization & Sustainment

MILESTONES

- Next Gen Prototyping: FY24-FY27
- Next Gen Test & Eval: 4QFY26
- Next Gen Follow-On Production: 3QFY27

POINT OF CONTACT

- USSOCOM SOF AT&L, Engage SOF (eSOF) / VULCAN, eSOF@socom.mil

FUNDING

- RDT&E, PROC, and O&M

CURRENT CONTRACT/OEM

- EGON – L3H/NEXGEN Communications
- Modi – Sierra Nevada Corporation

ELECTROMAGNETIC WARFARE FAMILY OF SYSTEMS (EW FoS)

- EW FoS established with initial emphasis on ground domain
 - Includes Dismounted/Body Worn, Mounted, Unattended Sensors, and Small Unmanned Payloads to enable Electromagnetic Surveillance (ES), Electromagnetic Attack (EA), and Electromagnetic Protect (EP) capabilities
 - Maritime annex approval in FY26
- IOC/FOC: 856 / 1,841
- Focus:
 - Industry Insertion Points (Industry Day 4Q FY26, Combat Evals) for mature technology
 - Advanced, Modular Software/Techniques
 - High TRL COTs/GOTs Capabilities

ACQUISITION STRATEGY

- Active Market Research
- National to Theater Transition (N2T)
- Initial procurement of proven COTS EW devices
- Leverage existing contract mechanisms

POINT OF CONTACT

- USSOCOM SOF AT&L, Engage SOF (eSOF) / VULCAN, eSOF@socom.mil

PERIOD OF PERFORMANCE

- N/A

FUNDING

- RDTE, PROC and O&M

MILESTONES

- EW Switch: 3QFY26
- Initial Developmental/Operational Testing – FY26-FY27

CURRENT CONTRACT/OEM

- None



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DOING BUSINESS WITH SOCOM

Office of Small Business Programs (Will engage with companies of any size!)

First stop for questions, concerns, or assistance

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Engage SOF (eSOF) on Vulcan

Pathway to present SOF relevant capabilities to USSOCOM

POC: Kimberly Carberry

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eSOF@socom.mil

<https://www.engageSOF.com>

<https://www.Vulcan-SOF.com>

SOFWERX

Unclass, open forum partnering with industry to solve Warfighter problems

<https://www.sofwerx.org>

TECHNICAL EXPERIMENTATION

<https://www.socom.mil/SOF-ATL/Pages/technical-experimentation.aspx>

