



SPECIAL OPERATIONS FORCES ACQUISITION, TECHNOLOGY, & LOGISTICS EXPANDING THE COMPETITIVE SPACE

COL Joel Babbitt, Program Executive Officer
SOF Warrior Systems




Program Executive Office SOF Warrior (SW)




Support to All Components

MOBILITY


"Individual to Heavy Ground Vehicles"




Tactical All Terrain Vehicles (Light)




Non-Standard Commercial Vehicles



GMV 1.1



Ground Mobility Vehicle (Medium)



MRAP-ATV (Heavy)

SURVIVAL

"Protection, Load Carriage & Medical"



Combat Uniform & Helmets




Body Armor / Load Carriage System



Individual & Combat Medic Kits




Casualty Evacuation

LETHALITY

"Munitions, Visual Augmentation, Lasers & Weapons"



Night Vision Goggles



Combat Assault Rifles



Precision Strike



M72 LAW Light Assault Weapon



Aviation Ammo



Non-Standard Arms



Laser Acquisition Markers



Advanced Sniper Weapon & Ammo

PEO Oversight & Support for JSOC



Key Initiatives

Drivers

- New Capabilities
- New Material
- New Threats
- New Operational Paradigms



Game Changers

- 6.5 CM/338 NM
- Polymer Ammo
- ULPE Body Armor
- Precision Strike
- Fusion NVGs
- ATAK
- CUAS
- AI for Small Unit Maneuver

Hyper-Enabled Operator (HEO) / Hyper-Enabled Teams (HET)

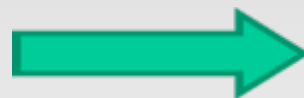
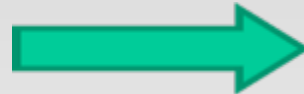
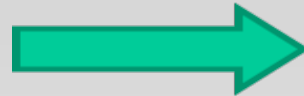
Operational Assets - Centralized

Close Air Support

Airborne ISR

PED Fusion Cell

Sit. Awareness at CP



Tactical Assets - Decentralized

Precision Strike Systems

Drones (AISUM)

AI-PED (NGIA)

TAK-Enabled Teams

Devolve capabilities from the LTC level to the CPT/MSG level

PEO-SOF Warrior



MISSION

Provide rapid and focused acquisition at "The Speed of War" to USSOCOM operators conducting decisive SOF activities and global operations against terrorist networks

PM-CISS Technology Interest Items

5G Cellular Technologies

Systems:

- Intelligence systems
- Electronic warfare
- Communications platforms

Needs:

- Wideband antenna systems
- Low cost frequency down converters
- 3GPP R15 and R16 capable systems
- Software enabled - Hardware agnostic solutions
- Live data studies
- Low SWaP Internet of Things (IoT) devices
- Increase device privacy & integrity

**Keeping pace with Commercial
Technology Trends**

Data Analytics

Systems:

- Enterprise level solutions
- Tactical systems

Needs:

- Cross domain solutions that feed Data lake repositories
- Analysis of Structured and unstructured data sets
- Improvements to digital ecosystems to allow development and operationalize tools

**Data is only as Good as your Ability
to Analyze and Produce Intelligence**

PM-CISS Technology Interest Items

Artificial Intelligence/ Machine Learning

Systems:

- Enterprise level solutions
- Tactical systems

Needs:

- Supplement users – tipping and queuing
- RF signal analysis
- Natural language processing at low SWaP
- Low use language data sets
- Aided recognition – image, audio, etc.
- Trend, Pattern, and Risk Analysis
- Ability to rapidly overlay disparate data sets
- Process automation

Big Data leads to the need for more Efficient Methods to aid the User and Analysts

Additive Manufacturing in the Field

Systems:

- Tactical systems

Needs:

- Rapid generation of items in the field
- High complexity items with integrated electronic/electrical components

Supply Chain Risk Management

Systems:

- Processes

Needs:

- Authenticity of components
- Vendor supplier analysis

PM-CISS Contact Information



**Program Manager – LTC Aron Hauquitz
703.664.5097**

**Deputy Program Manager – Mr. George Antoniou
703.664.5042**

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**APM SIGINT – MAJ Eric Stangle
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**APM Special Comms – Mr. Jordan Reidel
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**Lead Systems Engineer – Mr. David Weisbecker
703.664.5000 x3782**



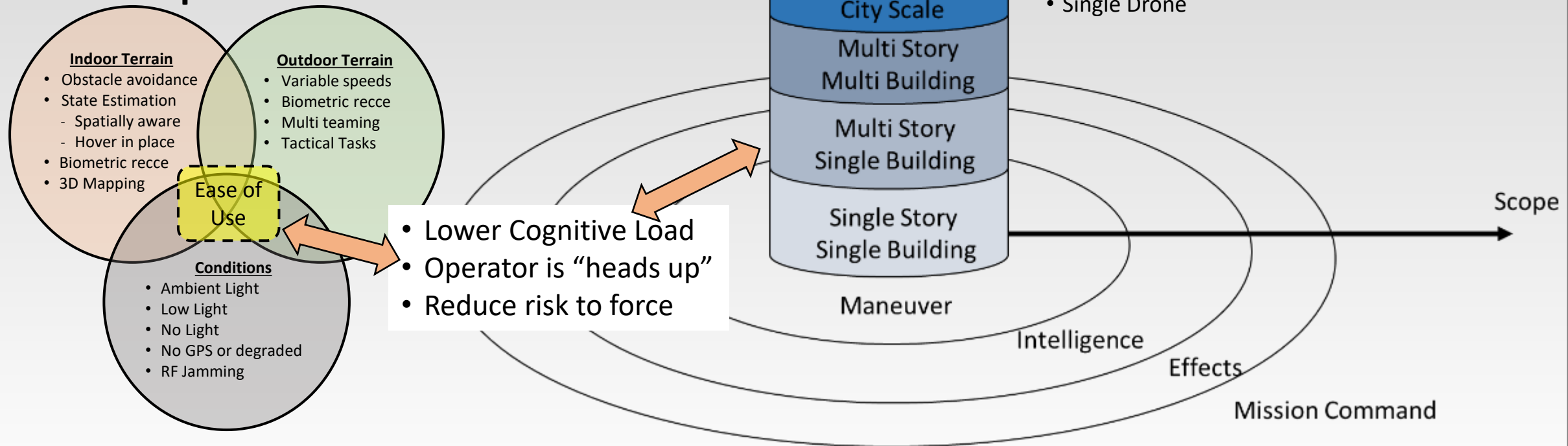
AI for Small Unit Maneuver Ops Use Cases (PM SP)

Operational focus on tactical tasks & mitigating risk in the TACTICAL DOMAIN, where higher losses are traditionally incurred.

• Locations

- Inter/Intra Dense Urban Terrain
- Rural Terrain
- Foot Movements/Offsets
- Tunnels/Caves
- GPG/non-GPS, Dark, Light, Low Light

• User Experience:



NGIA and AISUM OTA Contact Information (PM SP)

- **AISUM Opportunities** – posted to OTA participants through beta.sam.gov (Vision Based Navigation, Autonomous sUAS)
- **NGIA Opportunities** – posted to OTA participants through beta.sam.gov (See Through Wall Radar, Data Analytics)
- **How do I find this NGIA Posting? - Keyword Search:**
 - W911QY-19-S-0008 (beta.sam.gov)
 - “NGIA” (beta.sam.gov)
- **POCs:**
 - Richard Totten: richard.w.totten2.civ@mail
 - MAJ William Taylor: william.l.taylor118.mil@mail.mil
- **Posting from 5 April 2019 to 5 April 2022**
- **Set aside as Research and Development**
- **Agreement value**
 - Indefinite quantity awards up to \$40mil each for Projects/Prototypes
 - Tailorable payments to industry (fixed milestone payments monthly)
 - To date: \$17.3Mil spent towards NGIA
- **Participants within the OTA construct:**
 - Must sign a Participation Basic Agreement (PBA)
 - Participation require no fees

Next Gen – Head Borne System (NG-HBS) (PM SP)

- **Fused Panoramic:** Smart Wide Field Of View (WFOV) Goggles with thermal overlay and high performing tubes.
- **Smart Battery Pack (SBP):** ATAK integration through SBP (BT/WIFI).
- **Rail Link:** New rail system with embedded visible flashlights, infrared (IR) lights, visible IR strobes, & data/power nodes.
- **VAS Multiplatform Hyper Enabled Operator (HEO):** Develop Architecture/protocol for all Visual Augmentation Systems (VAS) and other components that communicate with VAS devices



<p style="text-align: center;">ACQUISITION STRATEGY</p>	<p style="text-align: center;">PERIOD OF PERFORMANCE</p>	<p style="text-align: center;">MILESTONES</p>
<ul style="list-style-type: none"> • Prime Vendor Contracts • IDIQ 	<ul style="list-style-type: none"> • Contract through FY24 • Follow-on award TBD 	<ul style="list-style-type: none"> • Operational User Assessment (1QFY22) • Production Decision (2QFY22)
<p style="text-align: center;">POINT OF CONTACT</p>	<p style="text-align: center;">FUNDING</p>	<p style="text-align: center;">CURRENT CONTRACT/OEM</p>
<p style="text-align: center;">PMSP VAS</p> <p>MAJ Jon Talis: jonathan.j.talis.mil@mail.mil</p> <p>Justin Sloane: Justin.m.sloane2.civ@mail.mil</p>	<ul style="list-style-type: none"> • FY20 - \$2.8M RDT&E • FY21 - \$2.5M RDT&E 	<ul style="list-style-type: none"> • L3Harris Technologies, Inc • Applied Research Associates, Inc • Gentex Corp • Sandia National Labs (SNL)

Electronically Steered Antenna– ESA (PM SP)

- **Wafer:** Size of a laptop but capable of operations on Low Earth Orbit (LEO) and Geosynchronous Earth Orbit (GEO) constellations. Projected to provide ESAs in both Ka and Ku band.
- **Lite Comms:** Providing mixture of Putter – Jumpable; Wedge- FOB/ASB and Cart – Ground/Maritime COTM. Operates on traditional KU GEO satellites, OVZON 30B network and Starlink networks
- **GETSAT:** Small antenna configuration. Capable of operating LEO and GEO constellations and will operate in Ka, Ku, and 30B.



Wafer

Putter



GETSAT



Wedge



Lite Comms

Cart



ACQUISITION STRATEGY

- Prime Vendor Contracts

PERIOD OF PERFORMANCE

- Contracts will be yearly competes as technology matures

MILESTONES

- Operational User Assessment (1QFY23)
- Production Decision (3QFY23)

POINT OF CONTACT

PMSP C4-J

MAJ Brian McNally: brian.c.mcnally.mil@mail.mil

Matthew McGraw: mcgrawm2@jdi.socom.mil

FUNDING

- FY19 – 20 \$4.6M RDT&E
- FY21 – No Funding – development conducted

CURRENT CONTRACT/OEM

- Wafer
- GETSAT
- Lite Coms (T)



SPECIAL OPERATIONS FORCES ACQUISITION, TECHNOLOGY, & LOGISTICS **EXPANDING THE COMPETITIVE SPACE**

Mr. Adam Fields, Program Manager
Survival, Support & Equipment Systems



SOF Personal Equipment Advanced Requirements (SPEAR) Portfolio Overview (PM SSES)



VAS
Mounts



Helmets



Hard Armor



Eyewear

- **Body Armor Load Carrying Systems / Ballistic Protection**
 - Body Armor Vests
 - Plates / Soft Armor
 - SOF Operator Eye Protection
 - Load Carrying Systems
 - Safety Belts and Lanyards
 - Backpacks
- **Environmental Protection**
 - Military Alpine Recce System
 - Modular Glove System
 - Signature Management
- **Head borne Systems**
 - Hearing Protection
 - Communications Interface
 - Ballistic Helmets
 - VAS Mounts



Body
Armor
Vests

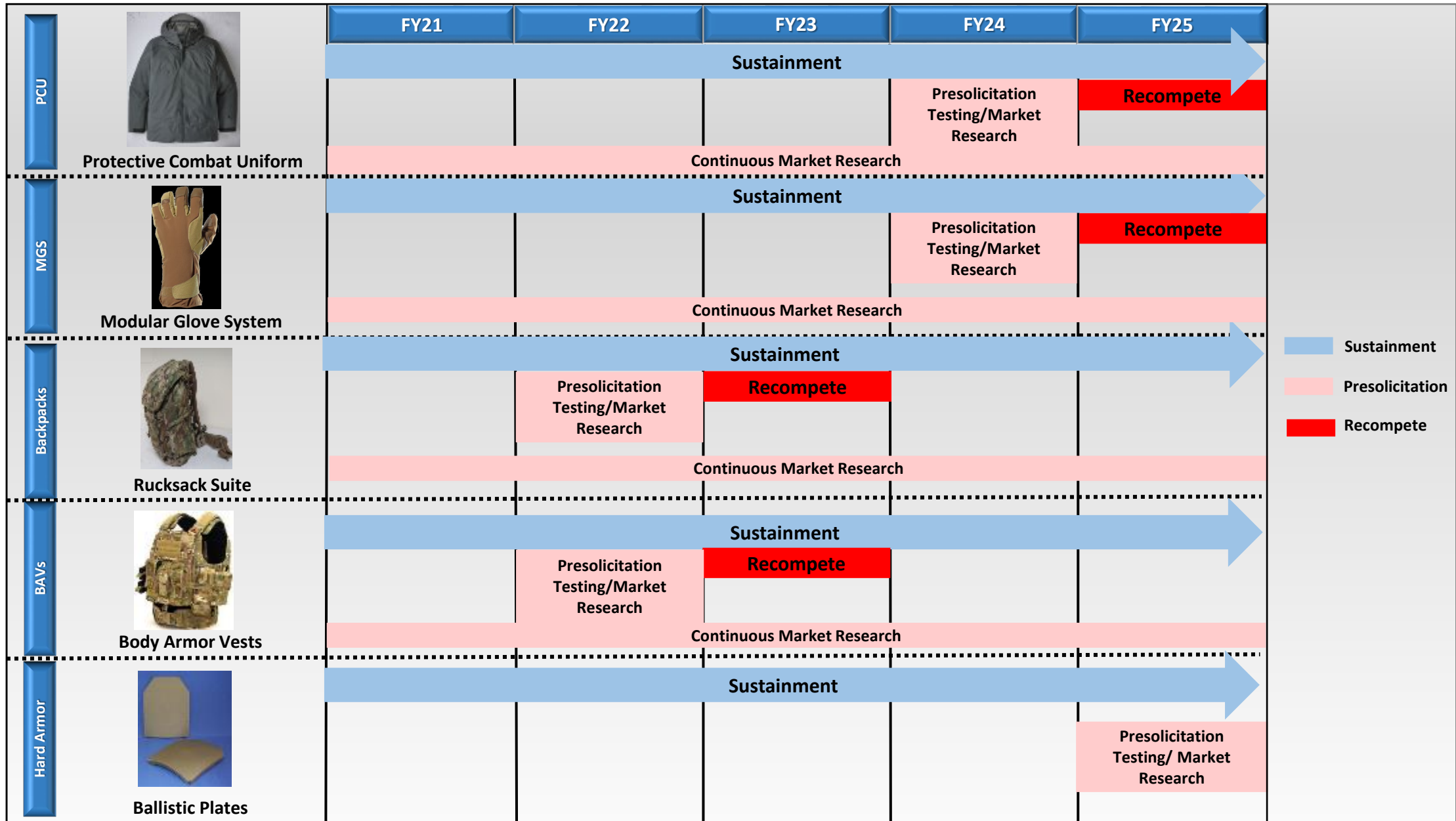


Modular
Glove
System







Backpacks

SPEAR Re compete Roadmap (PM SSES)

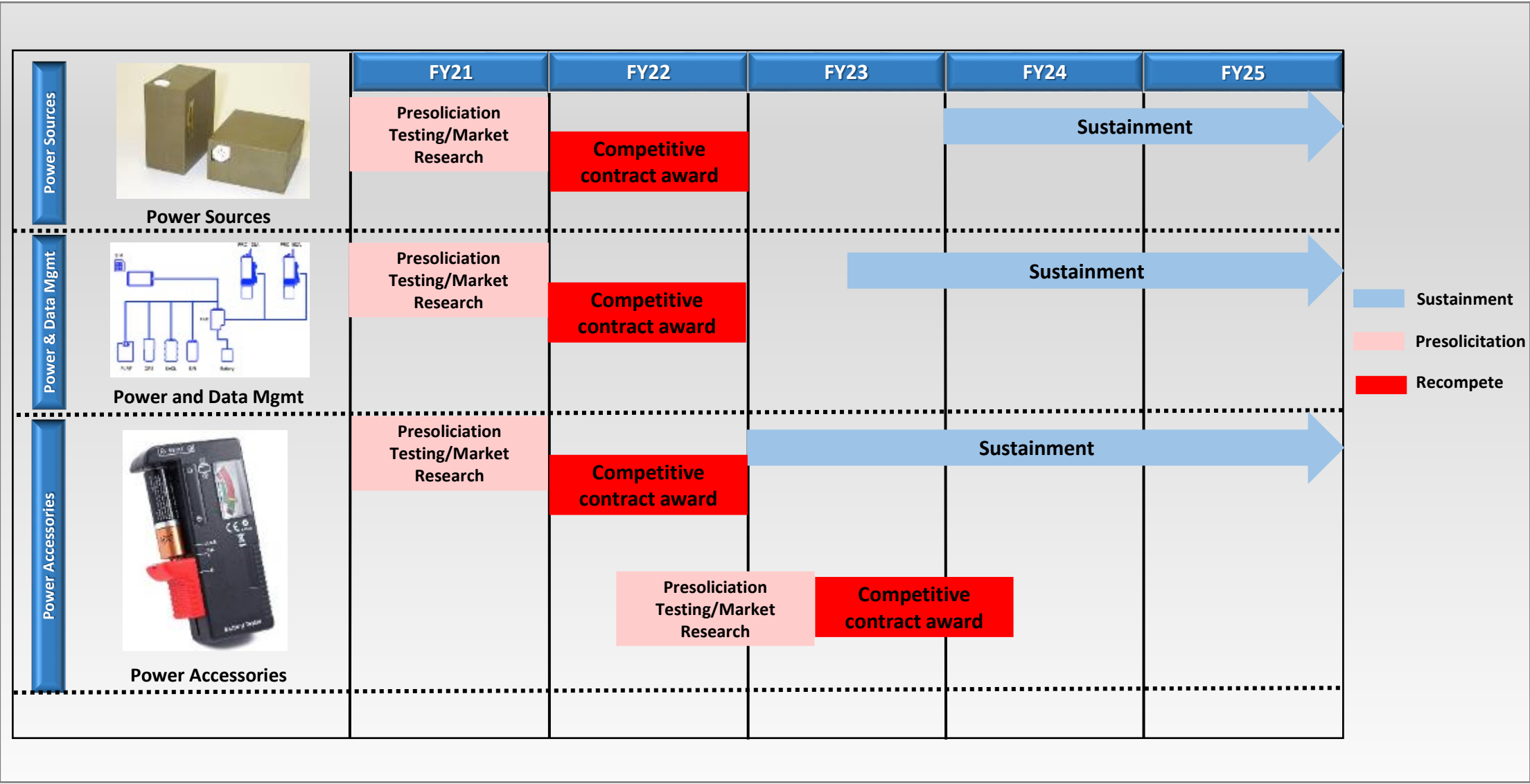


SPEAR Recompete Roadmap (PM SSES)

		FY21	FY22	FY23	FY24	FY25
Soft Armor	 <p>Soft Armor Inserts</p>	Sustainment				
			Presolicitation Testing/ Market Research	Recompete		
Helmets	 <p>Helmets & VAS Mounts</p>	Sustainment				
			Ground Helmet Presolicitation Testing/Market Research	Ground Helmet Recompete	Coxswain Helmet Presolicitation Testing/Market Research	Coxswain Helmet Recompete
Communications	 <p>Comms Accessories</p>	Sustainment				
		Wireless Headsets		Presolicitation Testing/Market Research – Land	Maritime Recompete	
					Land Recompete	
		Continuous Market Research				
SOEP	 <p>Eye Protection</p>	Sustainment				
			Presolicitation Testing/ Market Research	Clear Laser Lens Addition		

→ Sustainment
→ Presolicitation
→ Recompete

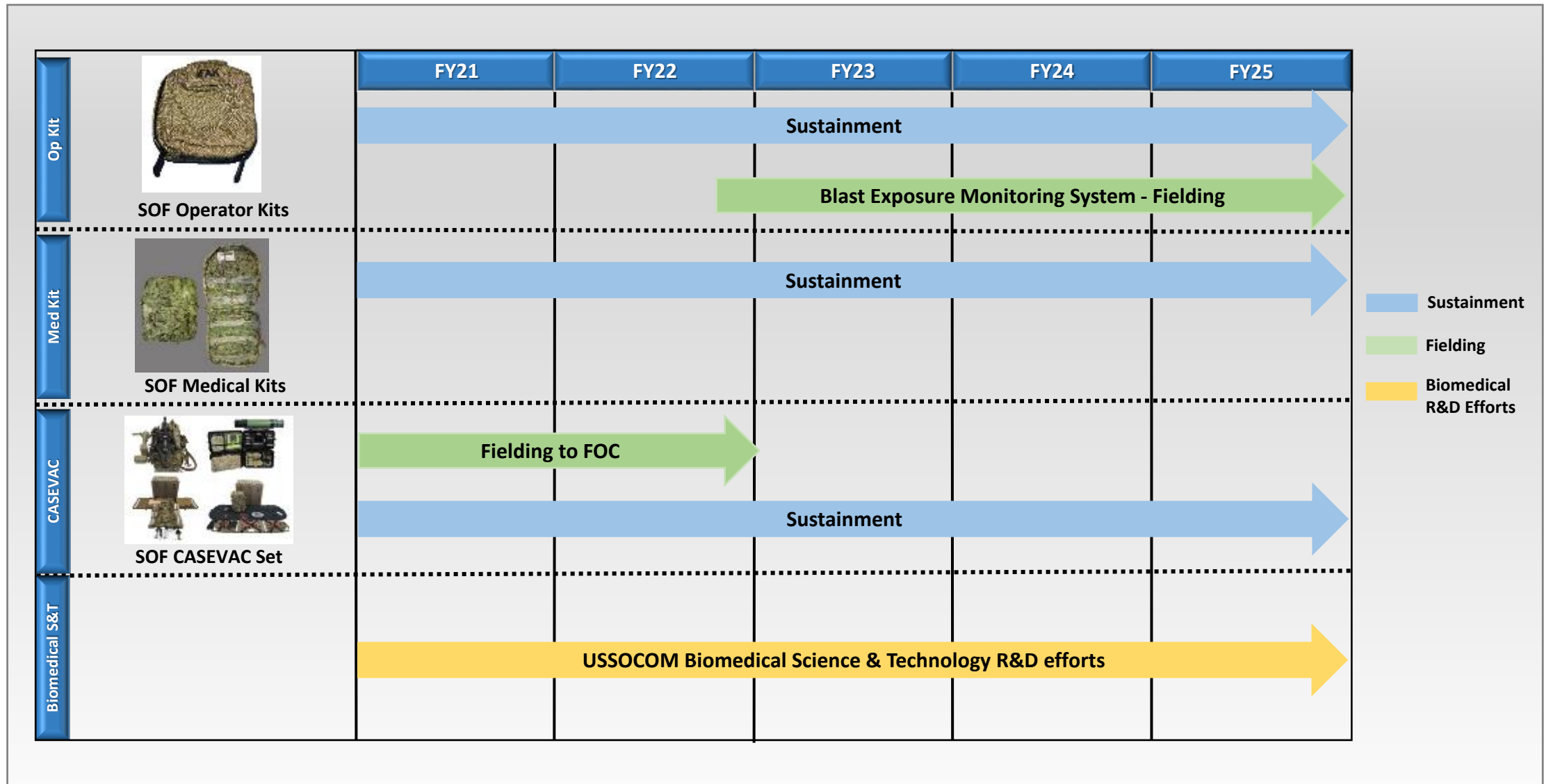
Power Compete Roadmap (PM SSES)



Capability Areas of Interest (PM SSES)

- **Lighter weight body armor to defeat AP and non-AP rifle rounds**
- **Lighter weight ballistic helmets to defeat non-AP rifle rounds**
- **Single variable light transmission eyewear lens that meets ANSI optics, ballistic, and laser standards; replaces the separate clear, laser, and tinted lenses that are currently fielded**
- **Cost effective and durable anti-fog solutions for eyewear**
- **Militarized USB-C connectors**
- **Flame resistant (FR) textiles that perform as well as non FR in abrasion, moisture vapor transmission rate (MVTR) and clothing insulation CLO value.**
- **Sound Localization in headsets that performs close to natural hearing**

Medical Portfolio Roadmap (PM SSES)



Capability Areas of Interest (PM SSES)

- **Field Portable Micronized Power Infuser** *Must be lightweight, small in cube, battery powered, and be able to support slow and high flow rates or whole blood and crystalloid/colloid products.
- **Portable Oxygen Generator** *Must be under 14lbs and provide adjustable continuous flow at a minimum of 1-3 LPM with a desired flow of 6+ LPM.
- **Oxygen concentrator** that has a user replaceable sieve bed.



SPECIAL OPERATIONS FORCES ACQUISITION, TECHNOLOGY, & LOGISTICS EXPANDING THE COMPETITIVE SPACE

LTC John M. (Tosh) Lancaster, Program Manager
SOF Lethality



Weapons Portfolio Overview

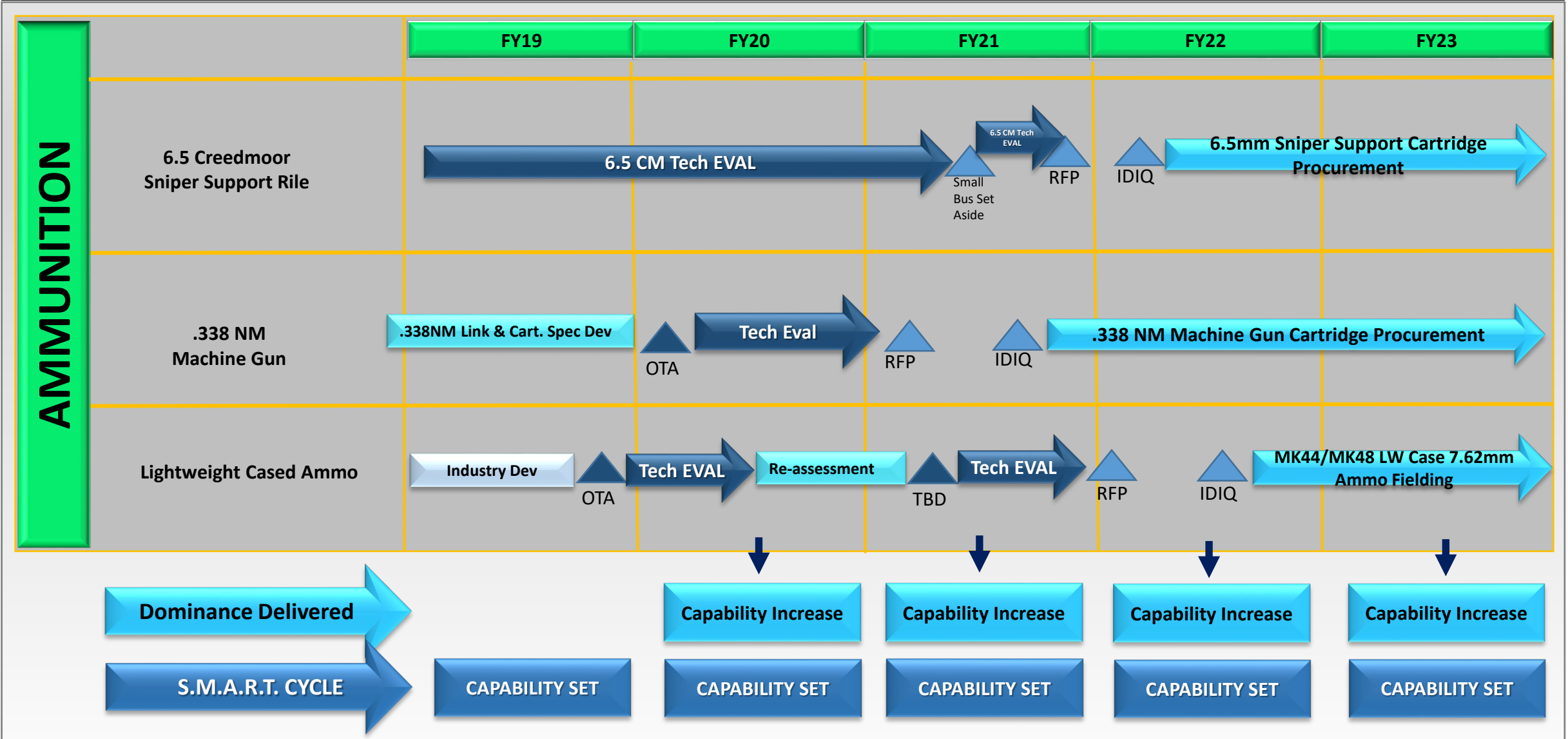
(Rifles, Machine Guns, Handguns)

	FY21	FY22	FY23	FY24	FY25
RIFLES					
<p>Mid-Range Gas Gun (MRGG)</p>		RFP	MUA	IDIQ	Fielding
MACHINE GUNS					
<p>Lightweight Medium MG (LMG-M)</p>	RFP	MUA	IDIQ	Fielding	Fielding






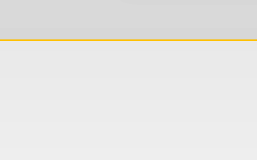
Ammunition Portfolio Overview

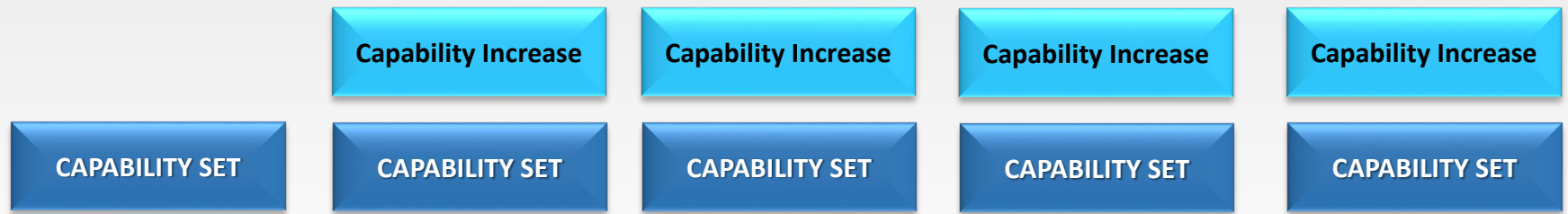
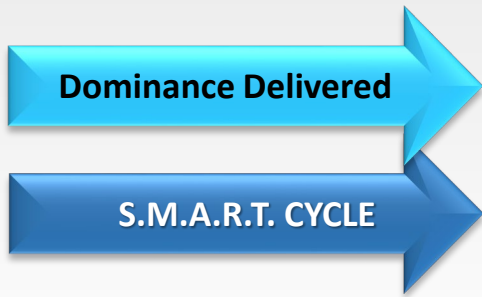
(Air Delivered, Bullet, Demolition & Shoulder Launched)



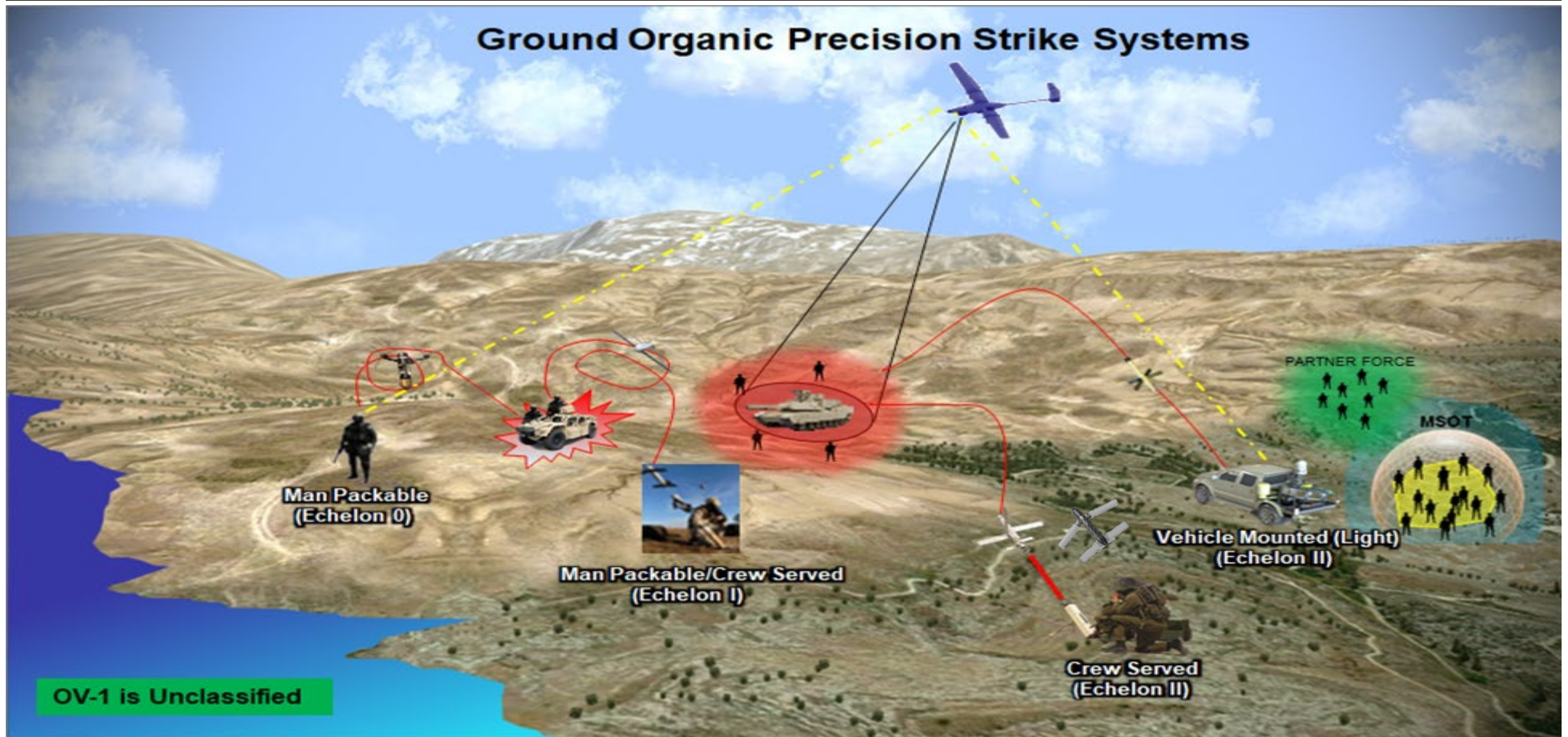
Visual Augmentation Systems Portfolio Overview

(Head Mounted, Weapons Mounted, Emitters, One World Simulations)

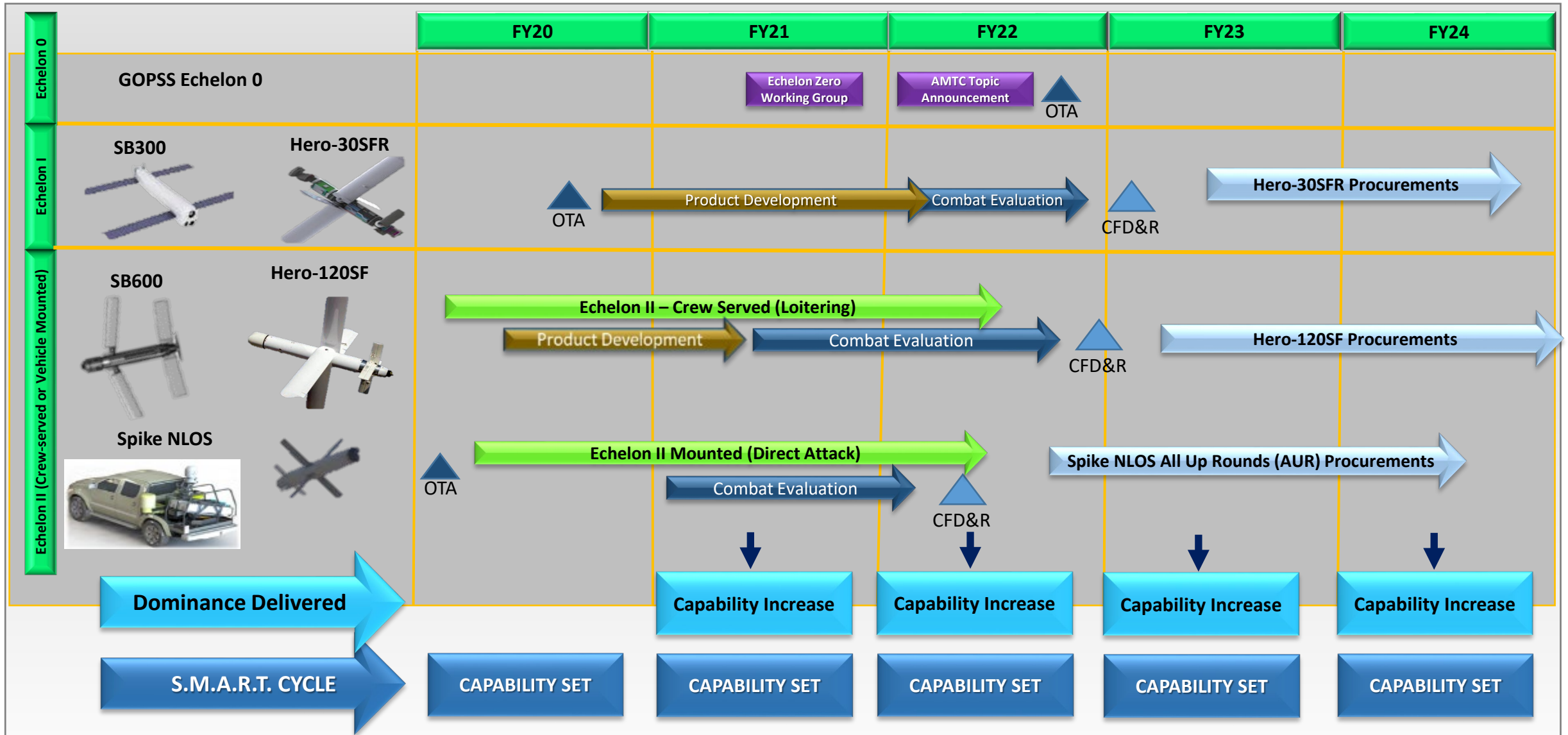
		FY20				FY21				FY22				FY23				FY24				FY25				FY26			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
HEO		Systems Integration / Hyper Enabled Operator																											
Day Scopes		Advanced Precision Variable Power Scope																											
		RFP																											
Night Scopes		Ranging Variable Power Scope Fielding																											
		RFP → User Evaluation → IDIQ																											
EMITTERS		Night Clip-Ons																											
		RFP → User Evaluation → IDIQ																											
		Halo Beacon Fielding																											



Ground Organic Precision Strike Systems (GOPSS) Overview



Ground Organic Precision Strike Systems Portfolio Overview



Development Interests (PM SL)

- Sniper scope with atmospheric summation capability
- On-body network (HEO)
- Power management & wire reduction
- PSS Data-link hardening



SPECIAL OPERATIONS FORCES ACQUISITION, TECHNOLOGY, & LOGISTICS **EXPANDING THE COMPETITIVE SPACE**

**Mr. Kevin Cady, Program Manager
Naval Special Warfare**



Maritime Precision Engagement - Munition

CONCEPT OF EMPLOYMENT



DESCRIPTION

- Organic UAS-like capability to provide Kinetic fires payloads against maritime and littoral targets without breaking NSW Combatant Craft signature survivability in Medium to High detection threat environments.
- SOCOM-Validated CDD: March 2018
- Highlights:
 - 15kg (T) 30kg (O) Payload
 - 30km (T) 120km (O); 45 min (T) 75 min (O)
 - Cold Launch; Constrained magazine SWAP; MITL/Update post-launch

ACQUISITION STRATEGY

- Middle Tier Acquisition (MTA) Rapid Prototyping
- Combination of Government labs and SMB
- NSW leveraging USA-funded airframe; USG kinetic payload
- Airframe will be continuously enhanced to meet evolving requirements: Block 1 (FY20-32), 2 (FY24-36), 3 (FY33-50)

PERIOD OF PERFORMANCE

- FY21 with 5 Option years
- IOC tied to PEO-M MPE-Integration PoR
 - CCM Craft Modification Schedule

MILESTONES

- Industry RFI returned 05/20; Acq Strat approved 08/20
- SRR conducted 11/20; Risk Reduction Testing Q3-4FY21
- ALTIUS-700 fabrication commenced 02/21
- PDR 11/21; CDR 10/22; IOC FY24; FOC FY25

POINT OF CONTACT

- USSOCOM SOF AT&L, Engage SOF (eSOF)
(813) 826-9482

FUNDING

CURRENT CONTRACT/OEM

- DTIC (NSWC Crane); ALION Sciences (PRIME)
 - AREA-I
- Multiple MIPRs through Govt Labs



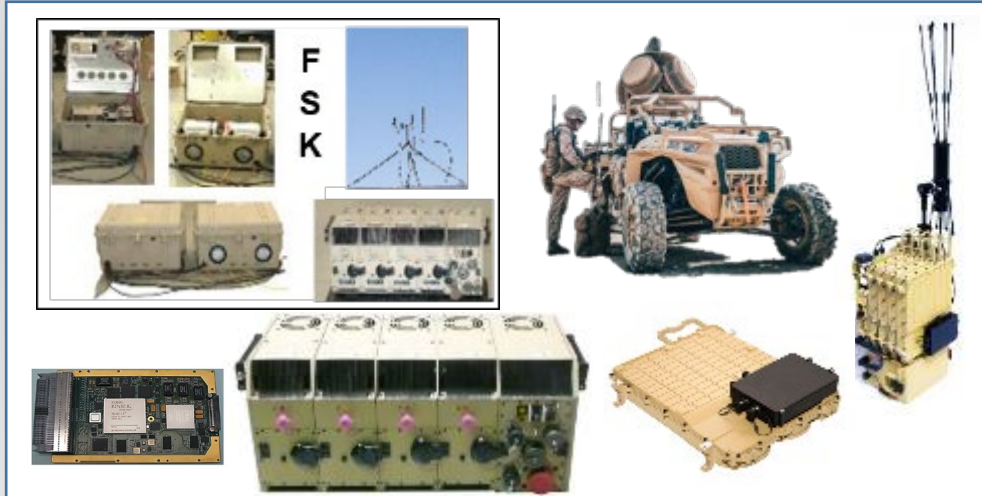
SPECIAL OPERATIONS FORCES ACQUISITION, TECHNOLOGY, & LOGISTICS **EXPANDING THE COMPETITIVE SPACE**

LTC Ramsey Oliver, Program Manager
Counterproliferation



Next Gen Electronic Counter Measures (ECM)

Expeditionary Fixed Site - Mounted - Dismounted



- Creating a linked set of stakeholder solicitation artifacts, capability assessments, and requirements
- Focused on Multi-Mission capability solutions through an Analysis of Alternatives & development
- Seeking industry engagement to capture advanced technology & techniques to counter emerging threats across the spectrum of warfare
- Capabilities are developed as National-to-Theater transition programs

ACQUISITION STRATEGY

- Acquisition Strategy in Development

PERIOD OF PERFORMANCE

- TBD
- Anticipate Development – FY23-FY24
- Anticipate Production – FY25-26

MILESTONES

- Requirements Study: FY21-FY22
- Analysis of Alternatives: FY22
- Next Gen CDD: FY23

POINT OF CONTACT

- USSOCOM SOF AT&L, Engage SOF (eSOF)
(813) 826-9482

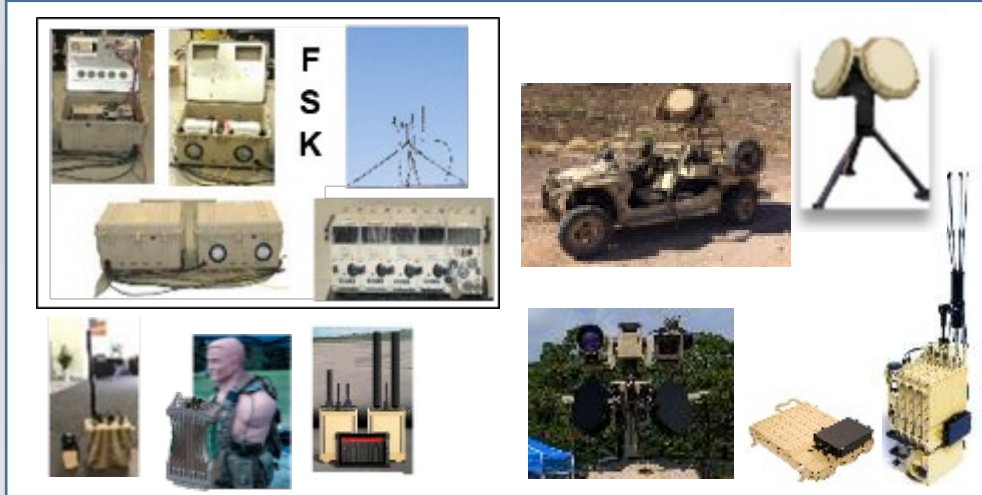
FUNDING

CURRENT CONTRACT/OEM

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

Counter Unmanned Systems (CUxS) (PM CP)

Expeditionary Fixed Site - Mounted - Dismounted



- Prioritizing Integrated & Autonomous System of Systems – Maximum Modularity, Tailored to the Mission
- Seeking opportunities to pursue industry developed software, techniques, and algorithms for use in government software/hardware
- Best of Breed Sensor Evaluations – Non-RF Passive Detection; Group 3 Defeat; Other Unmanned System Detect/Defeat; etc.

ACQUISITION STRATEGY

- Prototype OTA w/ Follow-on Production - Active Source Selection for Systems Integration Partner (SIP)

PERIOD OF PERFORMANCE

- 1 Base + 4 Option Years w/ 5 Incentive Year Options

MILESTONES

- Operational Testing – 2QFY22
- (I)ATO / (C)F&DRs – 3QFY22

POINT OF CONTACT

- USSOCOM SOF AT&L, Engage SOF (eSOF)
(813) 826-9482

FUNDING

- \$150M over FYDP

CURRENT CONTRACT/OEM

- SIP Award – 4QFY21
- Various Sensor Contracts



SPECIAL OPERATIONS FORCES ACQUISITION, TECHNOLOGY, & LOGISTICS **EXPANDING THE COMPETITIVE SPACE**

LtCol Alfredo Romero, Program Manager
Family of Special Operations Vehicles



Vehicle Lifecycle Overview (PM FOSOV)

Vehicles in Concept



Joint Light Tactical Vehicle (JLTV)
SOF Mods



Purpose Built
Non-Standard Commercial Vehicle



Hybrid-Electric Ground Mobility
Vehicle 1.1

Vehicles in Production



Non-Standard Commercial Vehicle



Light Tactical All Terrain
Vehicle- Diesel

Vehicles in Sustainment



GMV 1.0



MRAP-ATV (M-ATV)

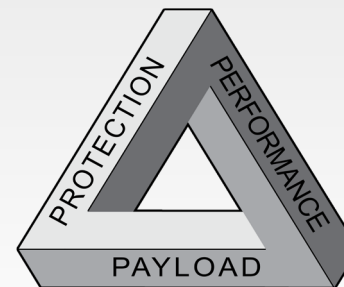
Vehicles in Sustainment



MRAP - RG33 A1



Ground Mobility Vehicle 1.1
(GMV 1.1)



Key Initiatives (PM FOSOV)

- The LTATV is a SOF modified commercial off the shelf (COTS) lightweight vehicle that is internally air transportable via V-22, H-53 and H-47 aircraft. It consists of two and four seat variants with the ability to change configuration based upon mission and/or threat. It's intended to perform a variety of missions to include offset infiltration, reconnaissance and medical evacuation.
- Areas of Interest:
 - Autonomous Capabilities
 - Signature Management
 - Communications Suite



ACQUISITION STRATEGY

- Non Developmental Item (NDI)
- Life Cycle Replacement Efforts
- Performance Testing Hybrid Diesel/ Electric Variants

PERIOD OF PERFORMANCE

- Follow-On Contract: FY20 – FY25

MILESTONES

- Performance Testing – in progress
- Autonomous Study – in progress
- IOT&E – 4QFY21

POINT OF CONTACT

- USSOCOM SOF AT&L, Engage SOF (eSOF)
(813) 826-9482

FUNDING

CURRENT CONTRACT/OEM

- Polaris Defense (Medina, MN)
- 5 Year IDIQ: May 2020 – May 2025

Non-Standard Commercial Veh (NSCV) (PM FOSOV)

- The current NSCV is based on commercial vehicle platforms that are enhanced with mission-specific modifications to increase protection, mobility performance, and durability.
- Areas of Interest:
 - Lightweight Armor Materials
 - Lightweight Vehicle Components/Mods
 - Lifecycle Improvement



ACQUISITION STRATEGY

- NSCV2: Full & Open Competition
- P-Built: Competitive OTA for Prototype (NAMC Consortium), w/ Follow-on Production
- NSCV3: Acq Strategy undetermined at this time

PERIOD OF PERFORMANCE

- Sustainment Ongoing
- Purpose Built NSCV: FY20 Prototype OTA Award

MILESTONES

- NSCV2 PQT completion: 1QFY20
- PB NSCV prototype testing begins: 3Q FY21
- PB NSCV prototype testing completion: 2 Q FY22

POINT OF CONTACT

- USSOCOM SOF AT&L, Engage SOF (eSOF)
(813) 826-9482

FUNDING

CURRENT CONTRACT/OEM

- Battelle Memorial Institute (Columbus, OH)
- 7 Year IDIQ: July 2016 – July 2023

Ground Mobility Vehicle 1.0 (GMV 1.0) (PM FOSOV)

- The Ground Mobility Vehicle 1.0 (GMV 1.0) is a medium class High Mobility Multipurpose Wheeled Vehicle (HMMWV) with Special Operations - Peculiar (SO-P) modifications. Several variants have supported Special Operations Operators reliably for over 12 years in contingency and combat operations.
- Areas of Interest:
 - None at this time



ACQUISITION STRATEGY

- Modified Service Common (MFP-2)

PERIOD OF PERFORMANCE

- Sustainment / Divestiture

MILESTONES

- Production ended in FY06
- Vehicle Reset has been discontinued

POINT OF CONTACT

- USSOCOM SOF AT&L, Engage SOF (eSOF)
(813) 826-9482

FUNDING

CURRENT CONTRACT/OEM

- No Active OEM Contracts

Ground Mobility Vehicle 1.1 (GMV 1.1) (PM FOSOV)

- The GMV 1.1 is a highly mobile CH-47 internally transportable Special Operations combat vehicle with the operational flexibility to support a wide range of lethal and non-lethal Special Operations missions and core activities.
- Areas of Interest:
 - Lightweight Armor Material
 - Improved Payload
 - Storage Capacity
 - Vehicle Weight Reduction



ACQUISITION STRATEGY

- Full and Open Competition
- Single Vendor Award
- Produce & Evaluate Test Vehicles
- Full-Rate Production Decision

PERIOD OF PERFORMANCE

- Sustainment ongoing
- IROAN Pilot (50 Vehicles) ongoing

MILESTONES

- IOT&E: November 2015
- First Unit Equipped: April 2016
- Full Rate Production Decision: March 17
- Initial Operational Capability: April 2021

POINT OF CONTACT

- USSOCOM SOF AT&L, Engage SOF (eSOF)
(813) 826-9482

FUNDING

CURRENT CONTRACT/OEM

- General Dynamics Ordnance and Tactical Systems (St. Petersburg, FL)
- 8 Year IDIQ: August 2013 – May 2021

Mine Resistant Ambush Protected Vehicle (MRAP/M-ATV) (PM FOSOV)

- The Mine Resistant Ambush Protected (MRAP) family of vehicles currently consists primarily of the MRAP All Terrain Vehicle (M-ATV), and RG-33-A1. Vehicles are modified to meet SOF unique requirements.
- Areas of Interest:
 - Active Reset Operations
 - Obsolescence Management
 - Sustainment Cost Reductions
 - C4ISR Integration Cost Reductions



ACQUISITION STRATEGY

- Original Production (JPO MRAP Contracts)

PERIOD OF PERFORMANCE

- Sustainment ongoing
- Reset kicked off in FY19 at Red River Army Depot

MILESTONES

- In Sustainment

POINT OF CONTACT

- USSOCOM SOF AT&L, Engage SOF (eSOF)
(813) 826-9482

FUNDING

CURRENT CONTRACT/OEM

- No Active OEM Production Contracts
- FSR Support: Mantech / Lockheed Martin

Joint Light Tactical Vehicle (JLTV) (PM FOSOV)

- Joint Program Office (JPO) – USA/USMC
- To be fielded to SOF Units by Services
- The JLTV's intent is to restore light tactical mobility to combat arms, combat support and combat service support/sustainment of forces by providing: protection (scalable armor); transportability (rotary/fixed wing, expeditionary sealift); mobility (off road, urban areas, all weather); sustainment (reliability, maintainability, onboard and exportable power) and Networking (integrated C4)

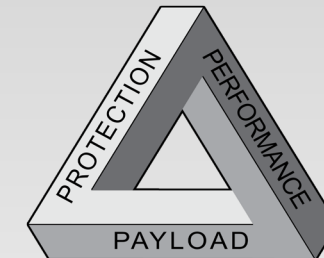


Targeting Limited SOF Modifications (C4I/ECMS)

<p style="text-align: center;">ACQUISITION STRATEGY</p> <ul style="list-style-type: none"> • Modified Service Common (P-2) • SOF Mod Requirements Development ongoing 	<p style="text-align: center;">PERIOD OF PERFORMANCE</p> <ul style="list-style-type: none"> • FY20 & beyond 	<p style="text-align: center;">MILESTONES</p> <ul style="list-style-type: none"> • SOF Limited User Evaluation – January 20 • SOF C4I Integration kit Design/Testing – FY21/22
<p style="text-align: center;">POINT OF CONTACT</p> <ul style="list-style-type: none"> • USSOCOM SOF AT&L, Engage SOF (eSOF) (813) 826-9482 	<p style="text-align: center;">FUNDING</p>	<p style="text-align: center;">CURRENT CONTRACT/OEM</p> <ul style="list-style-type: none"> • Oshkosh Corporation (JPO) • No Active SOCOM Contracts

PM FOSOV Technology Insertion Recap of Industry Opportunities

- **Lightweight Armor for Ground Mobility Platforms**
 - Current armor solutions are heavy, limit available payload options and decrease vehicle durability.
 - Lightweight and cost effective technologies that can replace current armor solutions.
- **Lightweight Vehicle Components/Mods**
- **Low SWAP / High Output Alternators**
- **Hybrid/Electric Vehicle Capabilities**
 - Hybrid/Electric Components (Motors, Batteries)
- **Autonomous / Semi-Autonomous Vehicle Capabilities**
- **Advanced Situational Awareness (MRAP) – Battlefield Awareness**
- **Telepresence for remote vehicle operation and/or Situational Awareness (SA)**
- **Augmented Reality Maintenance Capabilities**



The Iron Triangle

ACTIVE PRODUCTION	ACTIVE SUSTAINMENT	VEHICLES IN CONCEPT
<ul style="list-style-type: none"> • NSCV • LTATV 	<ul style="list-style-type: none"> • GMV 1.1 • LTATV (Lifecycle Replacement every 3-4 yrs) • M-ATV • GMV 1.0 (SOF HMMWV) 	<ul style="list-style-type: none"> • Purpose Built NSCV • Hybrid/electric GMV 1.1 • Hybrid/electric LTATV • Autonomous LTATV



SPECIAL OPERATIONS FORCES ACQUISITION, TECHNOLOGY, & LOGISTICS EXPANDING THE COMPETITIVE SPACE

Questions



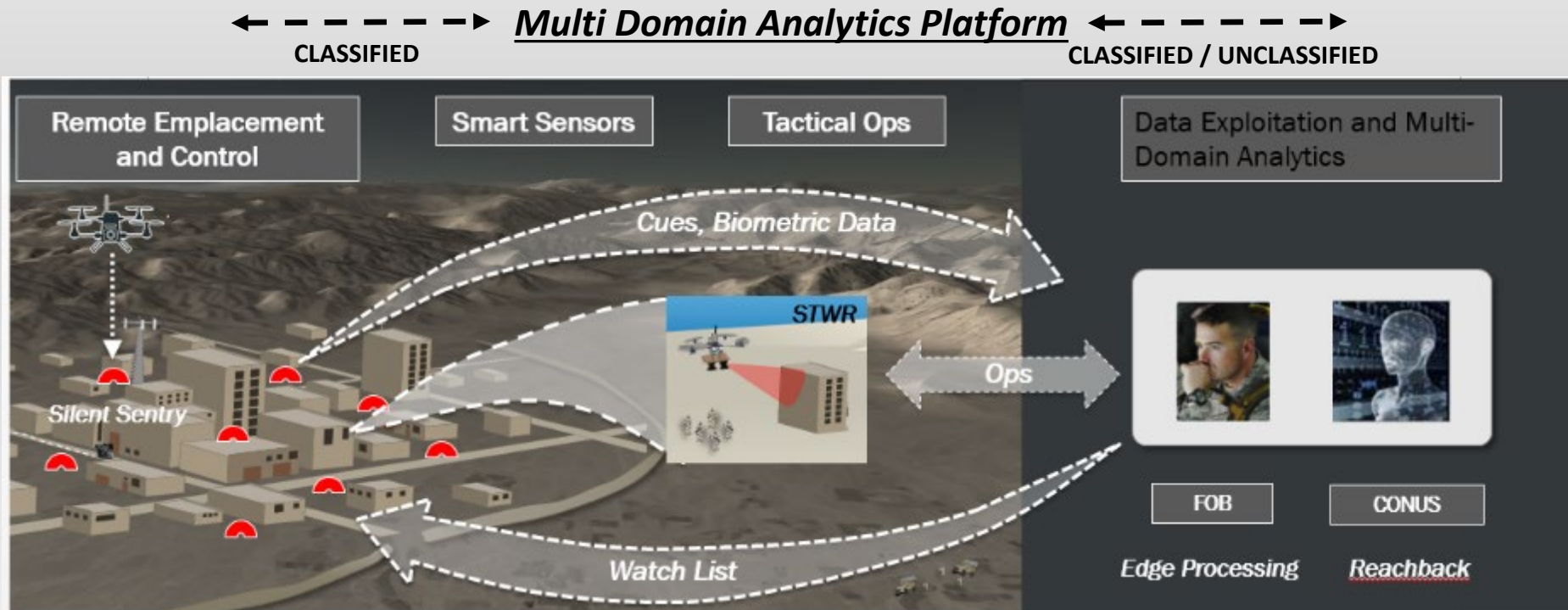


SPECIAL OPERATIONS FORCES ACQUISITION, TECHNOLOGY, & LOGISTICS EXPANDING THE COMPETITIVE SPACE

Back-ups



Next Generation Identification Awareness (NGIA) “Technology Interoperability” (PM SP)



Remote Emplacement

- Sensor Delivery Unmanned
- Air Vehicle
- Ground Vehicle
- Air Drop
- Perch/Stare

Smart Sensors

- EO/EM Sensor
- Thru Wall Radar
- Edge Analytics
- Bio-Algorithms
- Exfil comms

Tactical Ops

- Smart Sensors
- Tactical UGV/UAS
- Tactical C3

Automated Multi-Domain Analytics

- Captured Enemy Material
- Data Fusion
- Scalable Computing
- Cross Domain Correlation
- Optical Character Recognition

NGIA Collaborative Approach (PM SP)

Acquisition Approach

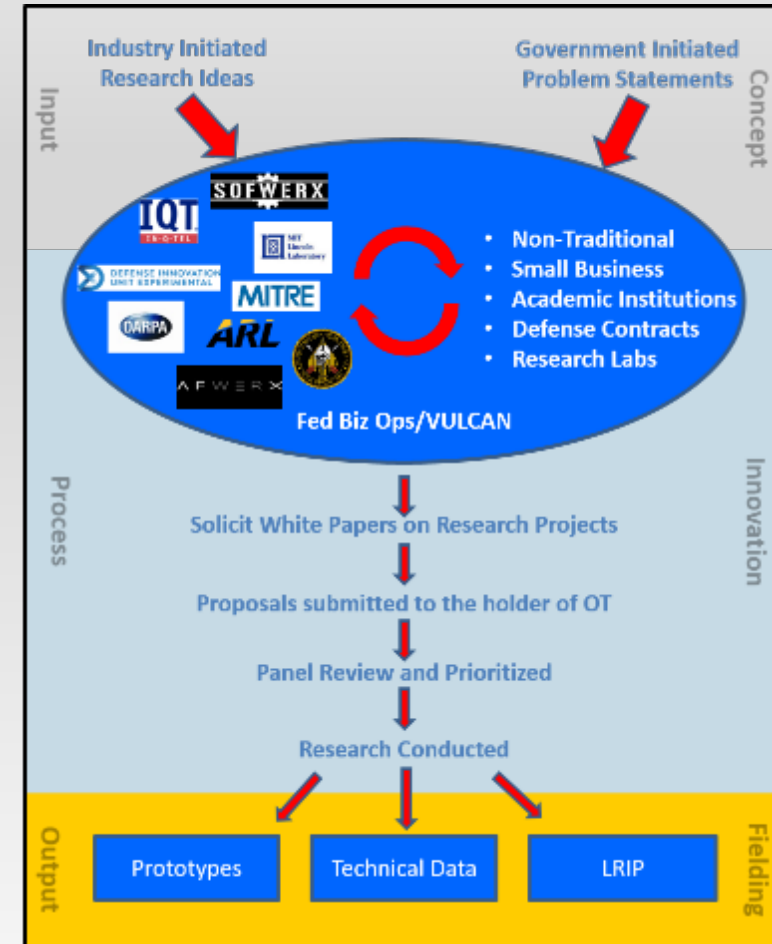
- NGIA using Other Transaction Authority forms a sphere of technology excellence to conduct rapid prototyping
- Full and open advertisement
- Agreements established under Participant Basic Agreement
- Participants are vetted based on:
 - Merit of technology
 - Operational relevance

Technology Focus Areas:

- Biometrics
- Direct Energy
- Sensor Employment
- Data Analytics/Fusion

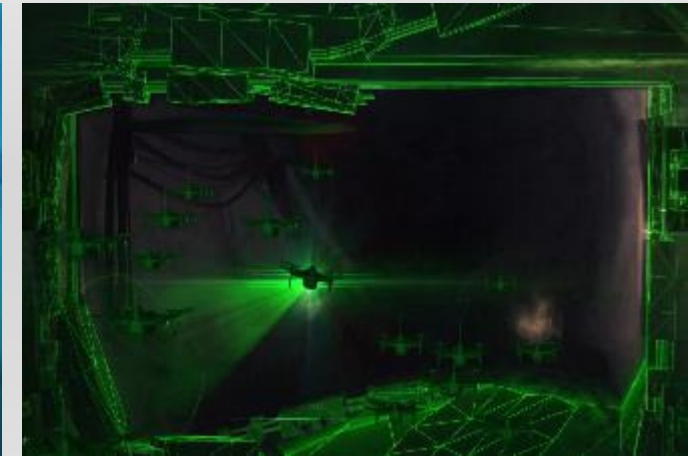
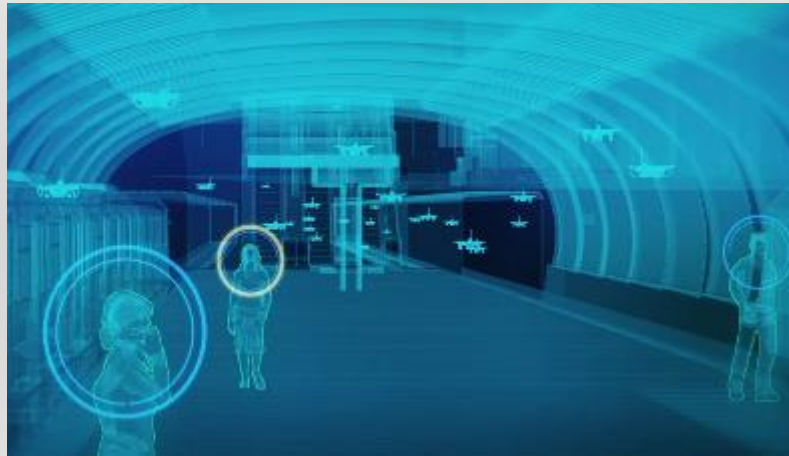
Objectives

- Innovative solutions for rapid prototyping & initial fieldings
- Competitive yet flexible
- Leverage advanced commercial technologies
- Self-organize relationships to grow capabilities/innovation



OTA structure must have the flexibility to expand Technology Focus Areas

Artificial Intelligence for Small Unit Maneuver (PM SP)



SOCOM desires to rapidly grow, invest, and expand AI-enabled unmanned platforms and the US Industrial base to support:

- Achieving **tactical dominance** – turn tactical standoffs into victories faster
- Enabling robotic systems to **execute tactical tasks** (isolate, reconnoiter, over watch, screen, call-out, breach, etc.)
- Enabling **heightened tactical awareness** through Human Machine Teaming - control of multiple heterogeneous robots
- Achieving **tactical cognitive dominance** through faster decision making at the tactical edge of the battlefield
- **Operating in tactical contested areas** (A2AD) – where enemy electronic warfare hinders tactical operations
- Seamless **integration with tactical organic weapons** at the small unit level of individuals/teams (CROWS turret, Javelin)

Environmental Protection (PM SSES)

- An multi-layer clothing system designed to protect the operator from -50°F to temperate weather environments



ACQUISITION STRATEGY

- Addition to Existing IDIQ
- Federal Procurement List

PERIOD OF PERFORMANCE

- FY2000 - TBD

MILESTONES

- FY19/20 Temperate Uniform
- FY20 Artic Evaluations
- FY21 RDTE Overwhites
- FY22 Arctic Evaluation

POINT OF CONTACT

- USSOCOM SOF AT&L, Engage SOF (eSOF)
(813) 826-9482

FUNDING

- FY21 - \$3.020M O&M

CURRENT CONTRACT/OEM

- Source America
- Lost Arrow

Modular Glove Suite (PM SSES)

- Multi layer glove system to allow operators to work in environments from -50F to temperate weather environments



ACQUISITION STRATEGY

- Addition to Existing IDIQ

PERIOD OF PERFORMANCE

- FY 19-FY24

MILESTONES

- FY19 Evals
- FY20 Arctic Evals
- FY22 Arctic Evals

POINT OF CONTACT

- USSOCOM SOF AT&L, Engage SOF (eSOF)
(813) 826-9482

FUNDING

- FY21 - \$2.052M O&M

CURRENT CONTRACT/OEM

- Outdoor Research
- Dryfire
- Line of Fire
- First Spear

Backpacks (PM SSES)

- Suite of backpacks to support USSOCOM Operator in all operational environments
 - Recce
 - Mountain Recce
 - Patrol
 - Jungle Patrol
 - Assault



ACQUISITION STRATEGY

- Addition to Existing IDIQ

PERIOD OF PERFORMANCE

- FY17-22

MILESTONES

- FY18 Addition of improved Airops Harness

POINT OF CONTACT

- USSOCOM SOF AT&L, Engage SOF (eSOF)
(813) 826-9482

FUNDING

- FY21 - \$0.381M O&M

CURRENT CONTRACT/OEM

- Mystery Ranch
- Tyr Tactical
- Froma

Ballistic Plates (PM SSES)

- Standalone hard plates that provide front and rear armor piercing rifle ballistic protection to the individual operator
- Modular Supplemental Armor Protection (MSAP) hard plates that provide additional armor piercing rifle protection to the outer shoulder areas, side oblique areas and the groin



ACQUISITION STRATEGY

- 5 Year IDIQ (+2 Year Option)

PERIOD OF PERFORMANCE

- FY20 - FY25/27

MILESTONES

- Continuous Market Research
- FY24-25 Pre-Solicitation RDTE
- FY26: Solicitation

POINT OF CONTACT

- USSOCOM SOF AT&L, Engage SOF (eSOF)
(813) 826-9482

FUNDING

- FY21 - \$5.088M O&M

CURRENT CONTRACT/OEM

- Leading Technology Composites

Soft Armor Inserts (PM SSES)

- Soft Armor insert that provides front, rear, side oblique, and groin handgun and fragmentation protection to the individual operator
- Compatible with currently fielded body armor vest and load carriage systems



ACQUISITION STRATEGY

- 5 Year IDIQ (+2 Year Option)

PERIOD OF PERFORMANCE

- FY18-23

MILESTONES

- 3QFY22 Solicitation

POINT OF CONTACT

- USSOCOM SOF AT&L, Engage SOF (eSOF)
(813) 826-9482

FUNDING

- FY21 - \$5.088M O&M

CURRENT CONTRACT/OEM

- Hardwire, LLC

Ballistic/Impact Helmets & Mounts (PM SSES)

BALLISTIC / IMPACT HELMETS

- Provides the operator ballistic and bump (impact) protection
- Provides the ground operator a stable and comfortable platform that is compatible with night vision devices, communications, military freefall and CBRN equipment
- Maritime operations coxswain helmet to provide additional eye/mandible protection and provide a stable & comfortable platform to mount NVGs during normal sea-state and high-sea state and high speed maneuvering



VISUAL AUGMENTATION SYSTEM (VAS) MOUNTS

- Hardware that allows the operator to attach and secure night vision devices to a ballistic or non-ballistic helmet to effectively conduct low light maneuvers and operations



ACQUISITION STRATEGY

- 5 Year IDIQ (Ground)
- 5 Year IDIQ (+2 Yr Option) (Coxswain)

PERIOD OF PERFORMANCE

- FY19-24 (Ground)
- FY19 – 24/26 (Coxswain)

MILESTONES

- Continuous Market Research
- Ground Solicitation 1QFY23
- Coxswain Solicitation FY25

ACQUISITION STRATEGY

- Part of Helmet Solicitation / Contract

PERIOD OF PERFORMANCE

- Part of Helmet Contract / Solicitation

MILESTONES

- Same as Ground and Coxswain helmet

POINT OF CONTACT

- USSOCOM SOF AT&L, Engage SOF (eSOF) (813) 826-9482

FUNDING

- FY21 - \$1.281M O&M

CURRENT CONTRACT/OEM

- Gentex (Ground & Coxswain Helmet)
- Wilcox (Mounts)

Comms Headsets/Hearing Protection (PM SSES)

Suite of hearing protection and communications headsets

- Maritime
- Land
- Wireless



ACQUISITION STRATEGY

- IDIQ Contracts

PERIOD OF PERFORMANCE

- Maritime – FY17-22
- Land – FY19-24

MILESTONES

- FY20-21 Wireless Evals

POINT OF CONTACT

- USSOCOM SOF AT&L, Engage SOF (eSOF)
(813) 826-9482

FUNDING

- FY21 - \$12.916M O&M

CURRENT CONTRACT/OEM

- Invisio
- Peltor 3M
- Atlantic Signal
- Gentex

Special Operations Eye Protection (PM SSES)

- Spectacle and goggle kit that provides the operator ballistic, impact and laser protection and meets ANSI optics standards
- Can accommodate prescription lens inserts



ACQUISITION STRATEGY

- Addition to existing IDIQ

PERIOD OF PERFORMANCE

- FY21-27

MILESTONES

- Continuous Market Research
- User evaluations as appropriate

POINT OF CONTACT

- USSOCOM SOF AT&L, Engage SOF (eSOF)
(813) 826-9482

FUNDING

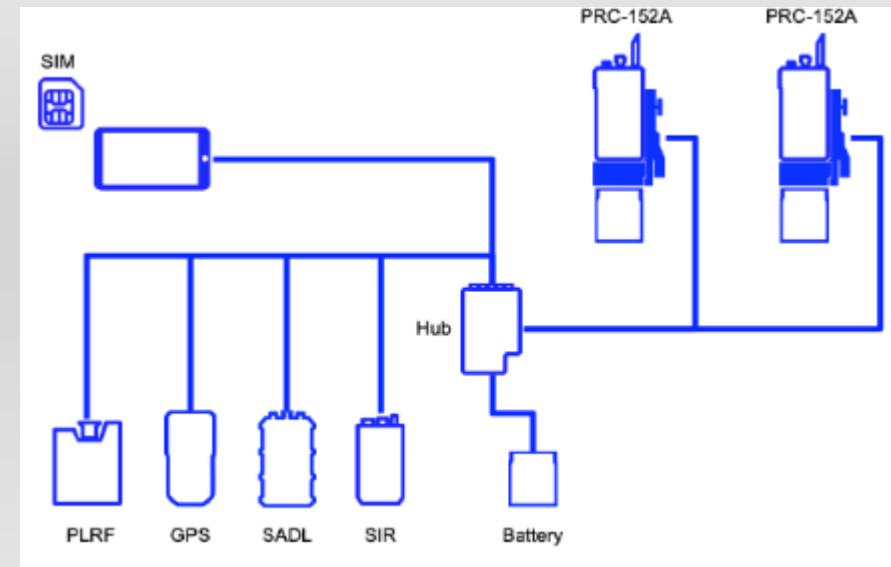
- FY21 - \$0.213M O&M

CURRENT CONTRACT/OEM

- Oakley
- Smith Optics
- Revision

Power for SOF Equipment (PM SSES)

- Suite of high energy dense power sources, integrated power and data management, and other power accessories
- Intent to meet the needs of Assaulters, JTACs, Recce, etc.
- Operationally relevant sizes and architectures
- Includes cables/cable management and non proprietary connectors



ACQUISITION STRATEGY

- IDIQ Contracts

PERIOD OF PERFORMANCE

- FY20-26

MILESTONES

- FY20-21, Baseline power testing of Operator equipment
- FY 21 Battery and Wedge RFI
- FY21, Begin user evaluations

POINT OF CONTACT

- USSOCOM SOF AT&L, Engage SOF (eSOF)
(813) 826-9482

FUNDING

- FY21 - \$1.944M RDT&E

CURRENT CONTRACT/OEM

- None currently

Tactical Casualty Combat Care (TCCC) Operator Kit

- Improved Self and Buddy Aid
- Life Threatening Hemorrhage Control
- Airway Management
- Pain Management / Infection Prevention
- Fluid Resuscitation
- Blast Exposure Monitoring System



Operator Kit Items



Operator Kit Pouch

ACQUISITION STRATEGY

- Prime Vendor Contracts
- IDIQ or Other Transactional Agreement (Blast Exposure Monitoring System)

PERIOD OF PERFORMANCE

- Sustainment through FY26
- BEMO Fielding FY22-26

MILESTONES

- Milestone C – 25 Sept 07
- Configuration Updates as Required

POINT OF CONTACT

- USSOCOM SOF AT&L, Engage SOF (eSOF)
(813) 826-9482

FUNDING

- FY21 - \$3.340M O&M

CURRENT CONTRACT/OEM

- Cardinal Healthcare
- DMS Pharmaceuticals

Tactical Casualty Combat Care (TCCC) Medic Kit

- Advanced Airway Intervention
- Intravenous Medications
- Hypothermia Prevention
- Advanced Monitoring / Diagnostics
- Intraosseous Infusion



Medic Kit Bags

Medic Kit Items

ACQUISITION STRATEGY

- Prime Vendor Contracts

PERIOD OF PERFORMANCE

- Sustainment through FY26

MILESTONES

- Milestone C – 25 Sept 07
- Configuration Updates as Required

POINT OF CONTACT

- USSOCOM SOF AT&L, Engage SOF (eSOF)
(813) 826-9482

FUNDING

- FY21 - \$2.305M O&M

CURRENT CONTRACT/OEM

- Cardinal Healthcare
- DMS Pharmaceuticals

Tactical Casualty Combat Care (TCCC) Casualty Evacuation Set CASEVAC (PM SSES)

- Extract
- Stabilize
- Treat
- Monitor
- Transport



ACQUISITION STRATEGY

- Existing IDIQ Contract
- Re-compete *Award is pending through GSA

PERIOD OF PERFORMANCE

- Contract award - FY21
- Follow-on award FY26 (FY28 w/ options)

MILESTONES

- Milestone C – 7 Jul 2011
- Program Parameter Change – Sep 2017
- Configuration Updates as Required

POINT OF CONTACT

- USSOCOM SOF AT&L, Engage SOF (eSOF)
(813) 826-9482

FUNDING

- FY21 - \$8.242M O&M

CURRENT CONTRACT/OEM

- Tribalco, LLC.
- TBD

Lightweight Machine Gun - Medium (LMG-M)

Lightweight Machine Gun - Medium

- Provide versatile capabilities to SOF Operators for a lighter & more lethal capability using the .338 linked ammunition
- 2018 National Defense Strategy acknowledged a Gap between US Forces and our adversaries relating to conventional and unconventional weapons
- Lightweight .338NM belt-fed medium machinegun
- System will include weapon, tripod, and fire control (separate program)
- Designed to engage both individual and material targets out to 2,500m
- Intent of program is to provide a system that is roughly the same size/weight of M240B and delivers 50Cal terminal effects



ACQUISITION STRATEGY

- Middle Tier Acquisition

PERIOD OF PERFORMANCE

- 5 Year IDIQ

MILESTONES

- Request for Proposal: JUN 21
- Proposal assessment : NOV 21
- Military User Assessment: JUN 22
- Contract Award: 4Q FY22

POINT OF CONTACT

- USSOCOM SOF AT&L, Engage SOF (eSOF)
(813) 826-9482

FUNDING

CURRENT CONTRACT/OEM

- DOTC OTA

Mid-Range Gas Gun – Sniper/ Assault (MRGG-S/A)

Mid-Range Gas Gun – Sniper/Assault (NSW Specific)

- The MRGG Project will provide 6.5 Creedmoor caliber rifle that will decrease weight, increase range, and provide more accuracy over current rifle platforms
- 2018 National Defense Strategy acknowledged a Gap between US Forces and our adversaries relating to conventional and unconventional weapons



<p style="text-align: center;">ACQUISITION STRATEGY</p> <ul style="list-style-type: none"> • Middle Tier Acquisition 	<p style="text-align: center;">PERIOD OF PERFORMANCE</p> <ul style="list-style-type: none"> • 5 Year IDIQ 	<p style="text-align: center;">MILESTONES</p> <ul style="list-style-type: none"> • Request for Proposal: 4Q FY21 / 1Q FY22 • Proposal Assessment: 2QFY22 • Vendor Shoot & User Down Select: 3Q FY22 • Military User assessment / Combat Evaluation: 4Q FY22 • Contract Award: 1Q FY23
<p style="text-align: center;">POINT OF CONTACT</p> <ul style="list-style-type: none"> • USSOCOM SOF AT&L, Engage SOF (eSOF) (813) 826-9482 	<p style="text-align: center;">FUNDING</p> <ul style="list-style-type: none"> • FY 20 PROC - \$2.5M • FY 21 PROC - \$2.5M 	<p style="text-align: center;">CURRENT CONTRACT/OEM</p> <ul style="list-style-type: none"> • USSOCOM OTA

Ammo, Demo, Breaching: Small Caliber (PM SL)

6.5mm Creedmoor Ammunition

- 2018 National Defense Strategy acknowledged a Gap between US Forces and our adversaries relating to conventional and unconventional weapons
- Contract for procurement of Sniper Support ammunition
- Ammunition will be built to Government Specification
- 2 contracts
 - Small business set aside for qualification ammunition (400k rounds)
 - IDIQ for TMR



<p style="text-align: center;">ACQUISITION STRATEGY</p> <ul style="list-style-type: none"> • Full and Open Competition • IDIQ Contract 	<p style="text-align: center;">PERIOD OF PERFORMANCE</p> <ul style="list-style-type: none"> • 5 Years 	<p style="text-align: center;">MILESTONES</p> <ul style="list-style-type: none"> • Small bus set aside (400k rds) for MRGG development: 3rd QTR FY21 • IDIQ RFP Release: 4th QTR FY21 • Contract Award: 1st QTR FY22
<p style="text-align: center;">POINT OF CONTACT</p> <ul style="list-style-type: none"> • USSOCOM SOF AT&L, Engage SOF (eSOF) (813) 826-9482 	<p style="text-align: center;">FUNDING</p>	<p style="text-align: center;">CURRENT CONTRACT/OEM</p> <ul style="list-style-type: none"> • N/A

Ammo, Demo, Breaching: Small Caliber (PM SL)

338 Norma Magnum Machine Gun Ammunition

- 2018 National Defense Strategy acknowledged a Gap between US Forces and our adversaries relating to conventional and unconventional weapons
- Supports Lightweight Machine Gun – Medium (LMG-M) Program
 - Procurement via OTA for initial production
- 2 contracts for procurement of linked ammunition
 - Small business set aside for 400k rounds used for LMG-M qualification
 - IDIQ for procurement of linked ammunition for TMR
- Ammunition will be built to Government Specification
 - Government Design on Projectile and Link



ACQUISITION STRATEGY

- Full and Open Competition
- IDIQ Contract

PERIOD OF PERFORMANCE

- 5 Years

MILESTONES

- OTA Award supporting LMG-M Program: 3rd QTR FY21
- IDIQ RFP Release: 4nd QTR FY22
- Contract Award: 4rd QTR FY21

POINT OF CONTACT

- USSOCOM SOF AT&L, Engage SOF (eSOF)
(813) 826-9482

FUNDING

CURRENT CONTRACT/OEM

- N/A

Lightweight Ammunition (PM SL)

7.62mm Lightweight Cased Linked Ammunition

- 2018 National Defense Strategy acknowledged a Gap between US Forces and our adversaries relating to conventional and unconventional weapons
- Contract for procurement of lightweight ammunition for use in MK44 Mini-gun & MK48
- Should reduce overall cartridge weight by over 20-30% compared to existing brass cased rounds
- Samples from OTA did not perform well due to case integrity and pressure issues.
- IPT is re-assessing strategy in 3QFY21

<p style="text-align: center;">ACQUISITION STRATEGY</p> <ul style="list-style-type: none"> • Full and Open Competition • IDIQ Contract 	<p style="text-align: center;">PERIOD OF PERFORMANCE</p> <ul style="list-style-type: none"> • 5 Years 	<p style="text-align: center;">MILESTONES</p> <ul style="list-style-type: none"> • OTA Multi-Award for Samples: 3rd QTR FY19 • RFP Release: TBD • Contract Award: TBD
<p style="text-align: center;">POINT OF CONTACT</p> <ul style="list-style-type: none"> • USSOCOM SOF AT&L, Engage SOF (eSOF) (813) 826-9482 	<p style="text-align: center;">FUNDING</p>	<p style="text-align: center;">CURRENT CONTRACT/OEM</p> <ul style="list-style-type: none"> • N/A

Systems Integration / Hyper Enabled Operator (PM SL)

Systems Integration / Hyper Enabled Operator

- Capabilities that are linked together as a synchronized system with advanced human-machine interface.
 - Ability to significantly increase the speed and effectiveness of our Soldiers through advanced sensors and sensor networks, linking the sensors to the shooter to provide more lethal and decisive effects
 - Making sense of data at “machine speed” adaptive automations to increase situational awareness
 - Capability to analyze, synthesize, and communicate
 - Sending, receiving, organizing, and processing data with the goal of presenting actionable intelligence

<p style="text-align: center;">DEVELOPMENT STRATEGY</p> <ul style="list-style-type: none"> • Other Transaction Authority (OTA) • 2373 • FAR Based Contracts 	<p style="text-align: center;">PERIOD OF PERFORMANCE</p> <ul style="list-style-type: none"> • ~6 - 18 months 	<p style="text-align: center;">MILESTONES</p> <ul style="list-style-type: none"> • First Release: Apr 21 • Receive Proposals: continuously call for White Papers • Source Selection: TBD • Contract Award: TBD
<p style="text-align: center;">POINT OF CONTACT</p> <ul style="list-style-type: none"> • USSOCOM SOF AT&L, Engage SOF (eSOF) (813) 826-9482 	<p style="text-align: center;">FUNDING</p>	<p style="text-align: center;">CURRENT CONTRACT/OEM</p> <ul style="list-style-type: none"> • N/A

Ranging Aiming Laser (RAL) (PM SL)

Miniature Aiming System – Lasers = (MAS-L)

- Aiming, Illuminating Lasers and Laser Range Finder (LRF) for the Lightweight Machine Guns (MK46, MK48, M249, M240B), combat rifles (MK17, M4), and sniper support rifles (M110A1, MK20, MRGG-S)
 - Visible Pointer Laser
 - NIR Pointer Laser
 - NIR Illuminator
 - (CLIN 1) Without a Laser Range Finder
 - (CLIN 2) With a Laser Range Finder
 - Visible Pointer laser shall be visible greater than or equal to 25m
 - NIR Pointer laser shall be sufficient for the operator to view greater than or equal to 900m through PVS-31 and PVS-31A
 - NIR Illuminator shall be sufficient for the operator to view greater than or equal to 900m through PVS-31 and PVS-31A
 - Laser Range Finder shall have a wavelength between 1400nm and 1700nm
 - RAL assembly with battery shall weigh 15 oz or less.
 - Pointers shall provide less than or equal to 0.8 mrad of divergence (1/e)
 - RAL device shall use a CR123 and/or Lithium AA.
 - Bluetooth capability to send ranging data to a hand held anemometer with ballistic processor, e.g. a Kestrel meter with LiNK

ACQUISITION STRATEGY

- Full and Open Competition
- IDIQ Contract

PERIOD OF PERFORMANCE

- 5 Years + 5 option years

MILESTONES

- RFP Release: 1st QTR FY22
- Receive Proposals: 2nd QTR FY22
- Source Selection: 1st QTR FY23
- Contract Award: 3rd QTR FY23

POINT OF CONTACT

- USSOCOM SOF AT&L, Engage SOF (eSOF)
(813) 826-9482

FUNDING

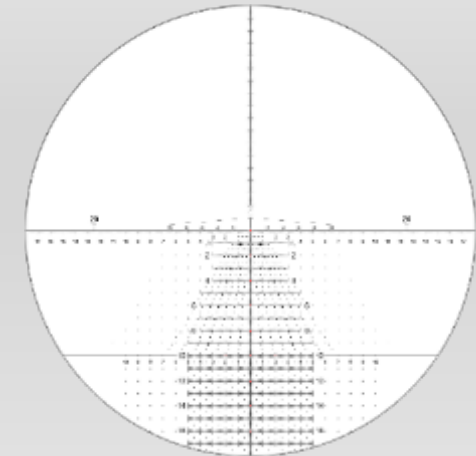
CURRENT CONTRACT/OEM

- N00164-20-R-JQ74

Ranging Variable Powered Scope (R-VPS) (PM SL)

Miniature Aiming System - Day Optic = (MAS-D)

- Upgrade to Enhanced Combat Optical Sight – Optimized (ECOS-O) previously fielded as part of the VASWA program.
- For combat and sniper support rifles including the MK17, MK20, M110A1.
- A magnified optic to improve target acquisition and P (h) between 50-900m.
- T3 reticle
- Variable power, 1-7x \geq 18x
- Includes LRF Mount



ACQUISITION STRATEGY

- Full and Open Competition
- IDIQ Contract

PERIOD OF PERFORMANCE

- 5 Years + 5 option years

MILESTONES

- RFP Release: 1st QTR FY20
- Receive Proposals: 2nd QTR FY20
- Source Selection: 1st QTR FY21
- Contract Award: 3rd QTR FY21

POINT OF CONTACT

- USSOCOM SOF AT&L, Engage SOF (eSOF)
(813) 826-9482

FUNDING

CURRENT CONTRACT/OEM

- N00164-20-R-JQ74

Miniature Aiming Sys – Night (MAS-N Squad) (PM SL)

Miniature Aiming Systems – Night Sights (MAS-N)

- MAS-N Squad
 - Weapon platforms: SOF assault rifles, designated marksman rifles and sniper support rifles
 - Interoperate with MAS-D: Squad Variable Power Scope (S-VPS), Ranging Variable Power Scope (R-VPS), and MAS-L: Squad Aiming Laser (SAL)
 - The squad sight target detection range shall be 0-900m.

<p style="text-align: center;">ACQUISITION STRATEGY</p> <ul style="list-style-type: none"> • Full and Open Competition • IDIQ Contract 	<p style="text-align: center;">PERIOD OF PERFORMANCE</p> <ul style="list-style-type: none"> • 5 Years + 5 option years 	<p style="text-align: center;">MILESTONES</p> <ul style="list-style-type: none"> • RFP Release: 2nd QTR FY22 • Receive Proposals: 3rd QTR FY22 • Source Selection: 1st QTR FY23 • Contract Award: 2nd QTR FY23
<p style="text-align: center;">POINT OF CONTACT</p> <ul style="list-style-type: none"> • USSOCOM SOF AT&L, Engage SOF (eSOF) (813) 826-9482 	<p style="text-align: center;">FUNDING</p>	<p style="text-align: center;">CURRENT CONTRACT/OEM</p> <ul style="list-style-type: none"> • TBD

Miniature Aiming Sys – Night (MAS-N Prec) (PM SL)

Miniature Aiming Systems – Night Sights (MAS-N)

- MAS-N Precision
 - Weapon platforms: SOF precision and anti-material sniper rifles, and advanced sniper rifles
 - Interoperate with MAS-L: Precision Aiming Laser (PAL); and with MAS-D: Precision Variable Power Scope (P-VPS)
 - Target Engagement: 50- 2,000m

<p style="text-align: center;">ACQUISITION STRATEGY</p> <ul style="list-style-type: none"> • Full and Open Competition • IDIQ Contract 	<p style="text-align: center;">PERIOD OF PERFORMANCE</p> <ul style="list-style-type: none"> • 5 Years + 5 option years 	<p style="text-align: center;">MILESTONES</p> <ul style="list-style-type: none"> • RFP Release: 2nd QTR FY22 • Receive Proposals: 3rd QTR FY22 • Source Selection: 4th QTR FY22 • Contract Award: 2nd QTR FY23
<p style="text-align: center;">POINT OF CONTACT</p> <ul style="list-style-type: none"> • USSOCOM SOF AT&L, Engage SOF (eSOF) (813) 826-9482 	<p style="text-align: center;">FUNDING</p>	<p style="text-align: center;">CURRENT CONTRACT/OEM</p> <ul style="list-style-type: none"> • TBD

Miniature Aiming Sys – Night (MAS-N CS) (PM SL)

Miniature Aiming Systems – Night Sights (MAS-N)

- MAS-N Crew Served (CS)
 - Weapon platforms: SOF lightweight medium and heavy machine guns, and grenade machine guns
 - Interoperate with MAS-F: high-power day cameras; MAS-L: non-visible pointer and illuminator spectrums; and with MAS-D: Machine Gun Optic (MGO) if dismounted interoperability is required.
 - Target Engagement: 0- 2,000+m
 - Wide Field of View

ACQUISITION STRATEGY

- Full and Open Competition
- IDIQ Contract
- Procurement, Maintenance, and Sustainment

PERIOD OF PERFORMANCE

- 5 Years + 5 option years

MILESTONES

- RFP Release: 2nd QTR FY23
- Receive Proposals: 3rd QTR FY23
- Source Selection: 2nd QTR FY24
- Contract Award: 4th QTR FY24

POINT OF CONTACT

- USSOCOM SOF AT&L, Engage SOF (eSOF)
(813) 826-9482

FUNDING

CURRENT CONTRACT/OEM

- New Capability

GOPSS Echelon 0 (PM SL)

- Comprised of man-portable Vertical Take Off and Landing (VTOL) Aerial Loitering Munition (ALM) systems.
 - Provide organic capability at the unit level to strike static and mobile targets in near-to-far range spectrum in a ground domain while minimizing collateral damage.
 - System must be day and night capable in nearly all-weather conditions.
 - There are *three* VTOL ALM configurations intended to be carried and operated by SOF within close combat ranges to a Beyond Line-of-Sight range.

Echelon	Mobility/Weight	Type
0	Nano <5lbs	VTOL & ALM
	Micro 5-10lbs	
	Mega 11-55lbs	

ACQUISITION STRATEGY

- Middle Tier Acquisition (MTA) Rapid Prototyping
- Other Transaction Authority (OTA) via Department Of Defense Ordnance Technology Consortium DOTC or Aviation & Missile Technology Consortium

PERIOD OF PERFORMANCE

- 5 Years

MILESTONES

- Precision Strike AMTC Topic Announcements: 1st QTR FY22

POINT OF CONTACT

- USSOCOM SOF AT&L, Engage SOF (eSOF)
(813) 826-9482

FUNDING

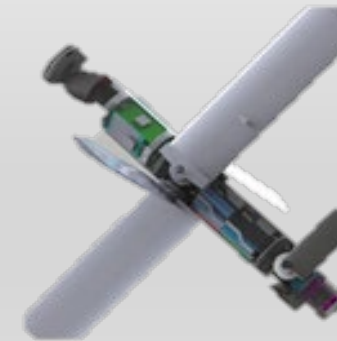
CURRENT CONTRACT/OEM

- Pending AMTC Topic Announcement

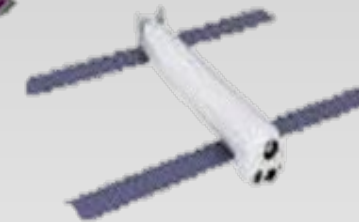
GOPSS Echelon I (PM SL)

Hero-30SFR (GOPSS Echelon I)

- Provide versatile capabilities to SOF Operators for a lighter & lethal loitering munition precision strike system.
- The HERO-30SFR has been evaluated as a lethal loitering munition in support of elements of United States Special Operations Command (USSOCOM).
- System provides a unique loitering munition with quick deployment capabilities.
- Man portable, ground launched system designed for detection, identification and elimination of enemy personnel and light armored vehicles.
- System will include data terminal, canister, and fire control unit.



Hero-30SFR



SB300

ACQUISITION STRATEGY

- Middle Tier Acquisition

PERIOD OF PERFORMANCE

- 5 Year OTA

MILESTONES

- Design Verification: APR 21
- Environmental Testing: MAY – AUG 21
- User Operational Assessment: OCT 21
- Combat Evaluation: FY22

POINT OF CONTACT

- USSOCOM SOF AT&L, Engage SOF (eSOF)
(813) 826-9482

FUNDING

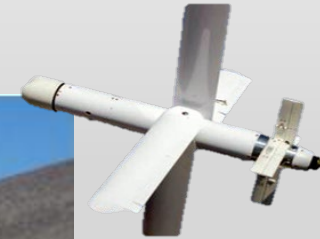
CURRENT CONTRACT/OEM

- AMTC OTA

GOPSS Echelon II (PM SL)

Spike NLOS

- Provides a multi-purpose precision strike missile capable of engaging high value, stationary or moving targets.
- Capable of engaging targets during day or night operations in adverse weather conditions at ranges up to 30Km.
- Launcher can be mounted on a variety of wheeled and aviation platforms.
- Vehicle system that provides an organic capability at the small tactical unit level in contested and multi-domain environment where close-air support may not be available.



Hero-120SF



SB600

ACQUISITION STRATEGY

- Middle Tier Acquisition

PERIOD OF PERFORMANCE

- 5 Year OTA

MILESTONES

- User Operational Assessment: DEC 20
- Combat Evaluation: FY21
- JLTV Integration: FY21
- Conditional F&DR: FY22

POINT OF CONTACT

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(813) 826-9482

FUNDING

CURRENT CONTRACT/OEM

- DOTC OTA