



SPECIAL OPERATIONS FORCES INDUSTRY CONFERENCE

COL John Reim
Program Executive Officer

SOF WARRIOR May 2016



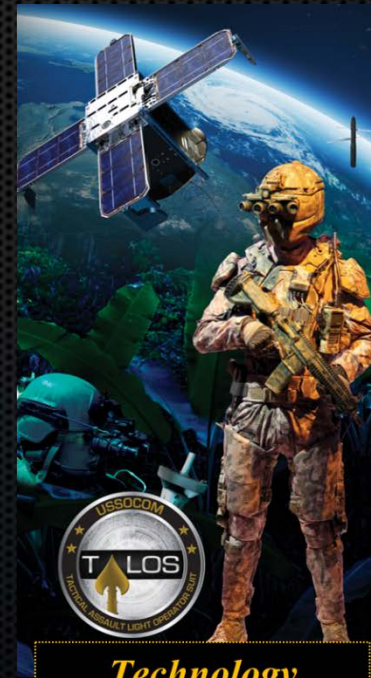
SOF WARRIOR

Agenda

- PEO Introduction / Overview
- Three PM Briefs (FOSOV, SSES, A&W):
 - Who we are
 - What we do
 - Where we are going
 - What we need from industry
- Break Out Discussions (this room is ours all week)
- Session #2 will discuss portfolio-wide technology Interests



Acquisition



Technology



Logistics

PEO-SW

Why We Are here

- Industry | SOCOM need to meet!
- Ensure industry understands our Interests
- Reinforce industry collaboration w/Special Operations Forces Acquisition, Technology, and Logistics
- Continue to mature our process; more efficiently target SOF Warrior capability Interests
 - FedBiz OPS Special Notice – 1 April 2016 - UNCLASS Tech Interest Items
 - SOCOM BAA – Every March
- Will continue semi-annual trend of events
- Fourth annual SOF Warrior Industry Collaboration (SOFWIC) – (6) months post-SOFIC ~Oct/Nov 16

TIRELESS, DILIGENT, FEARLESS IN OUR SUPPORT TO SOF!!

SOFIC - SOFWIC Process

TODAY!

Interests @ SOFIC

FedBizOps

Eval Papers

SOFWIC

Objective

- Enhance PEO-SW and Supported Community User Team collaboration with industry in support of the SOF Operator.
- Identify innovative capability solutions that might add enhanced capabilities to the Special Operations Forces (SOF) warfighter.
- Influence Industry Research and Development (IRAD) - We want industry working on the right stuff that meets our Interests!

EMERGING INTERESTS



BAA's & Tech Experiments

Capability Collaboration Events - SOFWERX

SBIRS / CRADA

Combat Eval/Projects

ICD/CDD/CPD - Programs

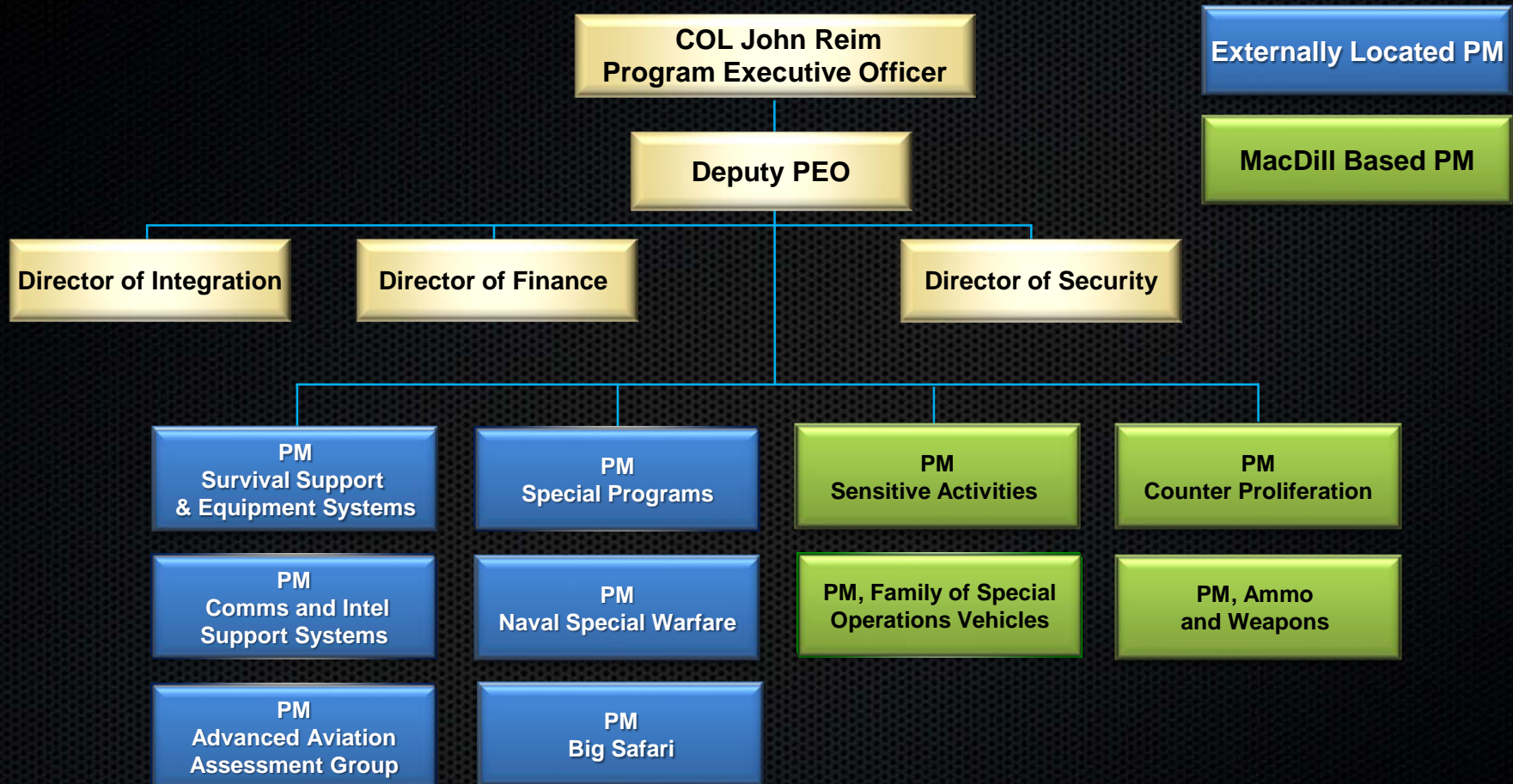
SOFWIC 2015 Metrics

- 150+ Vendor Submissions received in response to the USSOCOM Special Notice
- 62 Total white papers selected to brief:
 - 48 Vendor proposals selected to brief USSOCOM
 - 14 Vendor proposals selected to brief JSOC on CRADA opportunities
- \$50.78M Vendor proposed IRAD
- \$1025.68M total leveraged investment

SOFWIC 2015 Results

- PEO-SW
 - 2 purchases (Soldier Survival)
 - 2 CRADA/possible project (Communications & Mobility)
 - 2 vendors continued market research/monitoring (VAS & ISR)
- JSOC pursuing multiple CRADAs:
 - Communications
 - Intelligence, Surveillance, and Reconnaissance (ISR)
 - Power and Energy
- TALOS
 - Multiple NEW industry connections
 - Incorporated into TALOS networking/events

PEO-SW Organization



MISSION

“Provide rapid and focused acquisition of SOF-unique capabilities to USSOCOM operators conducting decisive SOF activities and global operations against terrorist networks”

Program Executive Office SOF Warrior

MOBILITY

“Individual to Heavy Ground Vehicles”



Light Tactical All Terrain Vehicles



Non-Standard Commercial Vehicles



GMV 1.1



Ground Mobility Vehicle (Medium)



MRAP-ATV (Heavy)

SURVIVAL

“Protection, Load Carriage & Medical”



Combat Uniform & Helmets



Individual & Combat Medic Kits



Body Armor / Load Carriage System



Casualty Evacuation



LETHALITY

“Munitions, Visual Augmentation, Lasers & Weapons”



Night Vision Goggles AN/PVS-31



MK 17 Combat Assault Rifles



Aviation Ammo



Multi-purpose Anti-armor Anti-personnel Weapon System



Demolition Kits



Handheld Laser Marker

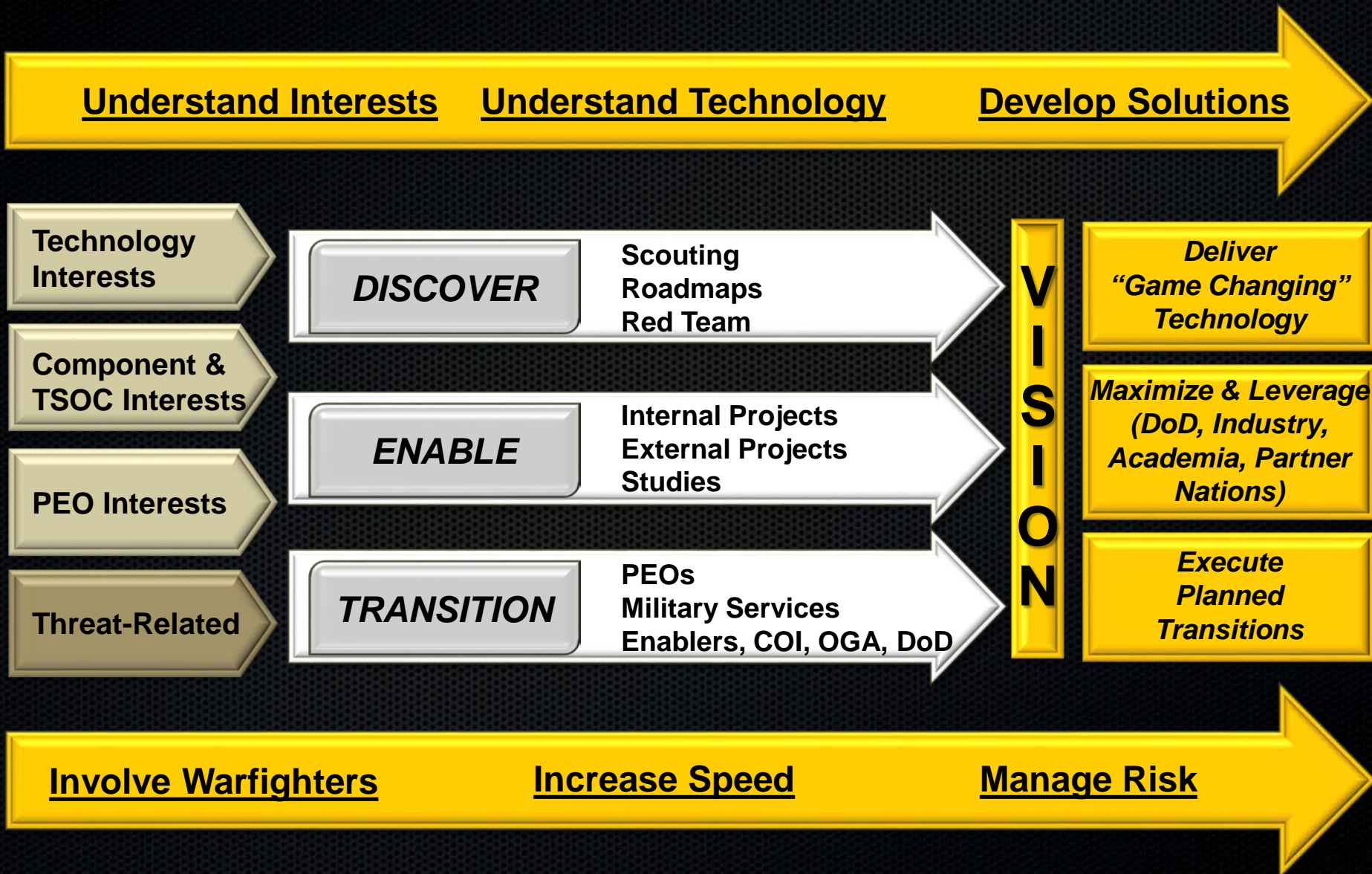


Laser Acquisition Markers

Sniper Weapons & Accessories



Planning for the Future



PEO-SW PM Portfolio Briefs

FOSOV

Session 1



SPECIAL OPERATIONS FORCES INDUSTRY CONFERENCE

LtCol James Utsler
Program Manager

Family of Special
Operations Vehicles

Mobility to Penetrate the Shadows

SOF WARRIOR

Mission Statement



Light
828

Commercial
505

Medium
934

Heavy
506

The recognized expert and trusted provider to **acquire, innovate and sustain** the most capable tactical ground mobility platforms providing SOF operators and enablers a distinct advantage



**2,773 SOF Modified
vehicles
Deployed Worldwide**

The Iron Triangle

**Achieving Operational
Overmatch**

Expeditionary

Mobility

Lethality

Survivability

Increased Payload

Configurable Mission Packages

*Protection Added
At Expense Of
Size And Off-road
Mobility
Performance &
Payload*



*Performance &
Payload At The
Expense Of
Protection*

Research & Development Funds To Pivot Quickly And Focus On New Technology

Light Tactical All-Terrain Vehicle



System Description / Mission

- A modified commercial-off-the-shelf (COTS) 4x4, side-by-side seat All-terrain vehicle that is internally air transportable via V-22, H-53, and H-47.
- Additional modifications include litter carrying capability, run flat tires, IR light system, winch for self-recovery, and weapons mount.

Key Points / Attributes

- MRZR2
 - VCW: 1624 lbs.
 - Length: 115.4', Width: 59.5"; Height: 73.6"
 - Unit Cost: \$30,000
- MRZR4
 - VCW: 1937 lbs.
 - Length: 141.5', Width: 59.5"; Height: 73.8"
 - Unit Cost: \$32,000

Performance

Range	75 miles
Speed	65 mph (T); 75 mph (O)
Internal Air Transport	CV-22/C/MH47/CH53
Rollover Protection	115% Gross Vehicle Weight
Air Drop Certification	C130/ C17
Payload	1000 2-seat 1500 4 seat
Performance @ GVW on	Maintain 45 mph
Hard Surface	Acceleration 0-30mph in 10 sec
Speed	Maintain 45 MPH
Acceleration	0-30 MPH in 10 Sec

LTATV Business Opportunities

- **Hybrid Electric Technology**
 - Hybrid Vehicle Rodeo in FY17
- **Reduce Visual and Noise Signatures**
- **Light Vehicle Safety Improvements and Accessories**

ACQUISITION STRATEGY

- 5-Year IDIQ Contract
- Single Vendor Award

PERIOD OF PERFORMANCE

- 5 Years
- July 2015 – July 2020

MILESTONES

- Contract Award: July 2015
- Start Fielding Diesel LTATV: FY17

POINT OF CONTACT

- 813.826.9482 (TILO)

FUNDING

- \$8M/Year

CURRENT CONTRACT/OEM

- Polaris MRZR2
- Polaris MRZR4

Non Standard Commercial Vehicles (NSCV)



System Description / Mission

- The NSCV provides SOF with a Low Visibility vehicle capability to conduct operations in politically or operationally constrained permissive, semi-permissive, or denied areas
- The current NSCV is based on commercial vehicle platforms
 - Toyota Hilux, Land Cruiser 79, Ford Ranger (Trucks)
 - Toyota Land Cruiser 76, 78, 200 series (SUVs)

Key Points / Attributes

- Seven Year IDIQ Contract valued at \$170M for up to 556 NSCVs and Logistics Packages (Currently in Source Selection)
- Basis of Issue (BOI)
 - Full Operational Capability (FOC): 530 NSCVs
 - 148 CONUS / 382 OCONUS
- Achieve FOC in FY16 and transition into Lifecycle Replacement
 - 3 years OCONUS / 5 years CONUS

Performance

Payload	2,500 lbs (Unarmored Variants) 2,200 lbs (Armored Trucks) 2,000 lbs (Armored SUVs)
Internal Air Transport	H-47 (trucks), C-130 and above (all)
Mission Profile	10% Primary Roads, 40% Secondary Roads, 45% Trails, 5% Cross Country
Performance / Durability Upgrades	HD Suspension, HD Brakes, Frame Reinforcements, Skid Plates, Blackout/IR, Dual Alternator, Drive Train, Tires
C4ISR	LoS, SATCOM, ECMS/CREW, GPS

NSCV Business Opportunities

- Lightweight Transparent and Opaque Armor
- Low Visibility Transferable Armor
- Modification Cost Reduction Efforts (Brakes, Suspension, etc.)
- Low Profile Antennas for Line of Sight, SATCOM, and ECMS
- Modular Purpose Built Chassis for SUVs and Trucks

ACQUISITION STRATEGY

- Current: GSA Blanket Purchase Agreement (BPA)
- Future: 7-Year IDIQ (currently in SS)

PERIOD OF PERFORMANCE

- Armored: GSA BPA extended through 1QFY17
- Unarmored: GSA BPA extended through 2QFY17

MILESTONES

- Contract Award 4th Qtr FY16
- Production Qualification Testing 2nd Qtr FY17

POINT OF CONTACT

- 813.826.9482 (TILO)

FUNDING

- \$23.7M/Year (Average)

CURRENT CONTRACT/OEM

- Armored: Battelle Memorial Institute
- Unarmored: Ultra Armoring

Ground Mobility Vehicle 1.0



System Description / Mission

- 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.
- Currently there are three variants that make up the enduring GMV 1.0 fleet;
- M1165A1 w/B3 designed for maximum protection
- M1165A1 Ultralight provides maximum range and mobility
- M1113 provides maximum transportability; MH-60 airlift capable.
- ACAT III program; CPD 2009

Key Points / Attributes

- Configurations up to 7 operators
- Continues to be employed in contingency operations
- Currently in sustainment
- Potential opportunities for future;
 - RECAP
 - Capability improvements
 - Equipment exchange agreements

Performance

Range	350 Miles (Ultralight)
Speed	65 MPH
Internal Air Transport	C-130 (CH-47 w/ Modifications)
Payload	3,120 – 5,880lbs variant dependent
Net Ready	Incorporates SOCOM C4ISR Suite

Ground Mobility Vehicle 1.1



System Description / Mission

- An ACAT III, Program of Record, for High Mobility, cross country, Joint SOF medium mobility missions
- Internally Air Transportable in a C/MH-47
 - Depending on payload, one or two vehicles can fit in a C/MH-47
- Scalable armor(NATO STANAG Level I w/Frag)
- SOF Full Operational Capability: 1297 vehicles

Key Points / Attributes

- 7 Operators for SOF(up to 10 with seating kits)
- Fielding to SOF units began in Mar 2016
- SOF Gross Weight (GVWR): 13,000lbs
- Length 182", Width 79", Height 72.00"

Performance

Tractive Effort	Ability to climb >= 60% slope
Internal Air Transport	C/MH-47 & C-130 or larger
Vehicle Characterization	Capable of re-configurations for various missions w/ built-in interface controls and the use of kits
Survivability	Provide integrated structure with crush resistant roof to support 100% GVW
Net Ready	Incorporates SOCOM C4 suite
Operational Availability	95%

GMV 1.1 Business Opportunities

- Signature Reduction technologies and coatings
- Tire technology and non-pneumatic efforts
- Suspension technology
- Drivetrain and locking differentials
- Brake technology
- 2nd Source for Armor Mod Kits – Potential sub-contract effort

ACQUISITION STRATEGY

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

PERIOD OF PERFORMANCE

- Aug 2013 – Mar 2021
- 2 Year Production Validation
- 5 Years Production

MILESTONES

- Contract Award: Aug 2013
- Test Start: Feb 2014
- First Unit Equipped: Mar 2016

POINT OF CONTACT

- 813.826.9482 (TILO)

FUNDING

- \$50 M/Year (Average)

CURRENT CONTRACT/OEM

- General Dynamics Ordnance and Tactical Systems (GD-OTS)

MRAP All-Terrain Vehicle (M-ATV)



System Description / Mission

- The Mine Resistant Ambush Protected (MRAP) family of vehicles in the SOCOM fleet currently consists primarily of the MRAP All Terrain Vehicle (M-ATV), and a few remaining RG-33 SV, RG-33A1, and RG-33AUVs.
- Vehicles are modified to meet SOF unique requirements including the integration of a Remote Weapons Station, SOF specific C4ISR systems, SOF specific jamming devices, Long Range GMVAS, emergency egress lighting, and HEEDS bottles.
- ACAT IC Army program in sustainment; CPD 2009

Key Points / Attributes

- Crew of up to 5 Operators
- TAK-4 suspension for greater off-road mobility
- Divested to enduring fleet in APS & contingency storage; TACOM sustained starting FY17
- SOCOM continues to sustain a deployed fleet until OPTEMPO allows further divestiture
- Potential opportunities;
 - Equipment exchange agreements
 - Future SO-P capability improvements

Performance

Range	320 Miles
Speed	65 MPH
Internal Air Transport	C-17 (C-130 w/ major modifications)
Net Ready	Incorporates SOCOM C4ISR Suite
Payload	4,000lbs

Questions?



PM FOSOV: Enabling Users to Penetrate the Shadows, Accomplish the Mission, and Return Home Safely

PEO-SW PM Portfolio Briefs

SSES

Session 1



SPECIAL OPERATIONS FORCES INDUSTRY CONFERENCE

Mr. Adam Fields
Program Manager

SOF Survival, Support, And
Equipment Systems
May 2016



SOF WARRIOR

SPEAR Portfolio

ACQUISITION



- **Body Armor Load Carrying Systems / Ballistic Protection**
 - Body Armor Vests
 - Plates / Soft Armor
 - Load Carrying Systems
 - Backpacks
 - SOF Operator Eye Protection



- **Protective Combat Uniforms**
 - Levels 1-7
 - Level 9
 - Modular Glove System



- **Modular Integrated Communications Helmets**
 - Hearing Protection
 - Communications Interface
 - Ballistic Helmets
 - VAS Mounts



SPEAR Business Opportunities



SPEAR Modernization Strategy:

- Continuous market research
- Technology insertions as materials mature
- Solicitations and re-competes as needed
- Linkages to SOCOM S&T efforts (BAA, RIF, TILO)

Survival:

- **FY17** – Soft Armor Solicitation
- **FY17** – Family of Tactical Headborne Systems Solicitation
- **FY19** – Ballistic Plate Solicitation

Individual Equipment:

- **FY16/17/18** – Expand survivability performance envelop for additional environments (i.e. Artic, Jungle)
- **FY17** – Heated Clothing market research and evaluations
- **FY17** – Communications Headset Re compete (Land)
- **FY18** – Protective Combat Uniform (PCU) modernization

Protective Combat Uniform

ACQUISITION

- An eight level clothing system designed to protect the operator from -50F to temperate weather environments



ACQUISITION STRATEGY

- Addition to existing IDIQ
- Federal Procurement List

PERIOD OF PERFORMANCE

- FY 2000 - TBD

MILESTONES

- FY16 Overwhites added
- FY16 New Material Level 5
- FY16 Wool base layer decision

POINT OF CONTACT

- 813.826.9482 (TILO)

FUNDING

- FY16 - \$7.26M O&M
- FY17 - \$7.37M O&M
- FY18 - \$7.61M O&M

CURRENT CONTRACT/OEM

- Source America
- Patagonia
- Massiff

Modular Glove Suite

ACQUISITION

- 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 15-20

MILESTONES

- FY16 Suite Final Selection
- FY16 Heated Glove Market Research
- FY17 Heated Glove Selection

POINT OF CONTACT

- 813.826.9482 (TILO)

FUNDING

- FY16 - \$.80M O&M
- FY17 - \$.76M O&M
- FY18 - \$.77M O&M

CURRENT CONTRACT/OEM

- Outdoor Research

Backpacks

ACQUISITION

- 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

- FY16-21

MILESTONES

- FY16 Recce, Patrol and Assault Solicitation

POINT OF CONTACT

- 813.826.9482 (TILO)

FUNDING

- FY16 - \$1.28M O&M
- FY17 - \$1.27M O&M
- FY18 - \$1.30M O&M

CURRENT CONTRACT/OEM

- Mystery Ranch
- Granite Gear
- Tyr Tactical

Ballistic Plates

ACQUISITION

- 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

PERIOD OF PERFORMANCE

- Current Contract FY14-19

MILESTONES

- FY16 – FY18 Market Research
- 1st QFY19 Solicitation
- 3rd QFY19 Contract Award

POINT OF CONTACT

- 813.826.9482 (TILO)

FUNDING

- FY16 - \$18.04M O&M
- FY17 - \$17.91M O&M
- FY18 - \$23.67M O&M

CURRENT CONTRACT/OEM

- Leading Technology Composites

Soft Armor Inserts

ACQUISITION

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



ACQUISITION STRATEGY

- 5 Year IDIQ

PERIOD OF PERFORMANCE

- Current Contract FY12-17

MILESTONES

- FY16 – Market Research
- 1st QFY17 Solicitation
- 3rd QFY17 Contract Award

POINT OF CONTACT

- 813.826.9482 (TILO)

FUNDING

- FY16 - \$18.04M O&M
- FY17 - \$17.91M O&M
- FY18 - \$23.67M O&M

CURRENT CONTRACT/OEM

- Point Blank Enterprises

Ballistic / Impact Helmets & Mounts

BALLISTIC / IMPACT HELMETS

- Provides the operator 9mm, fragmentation, 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
- New Requirement: Maritime Operations helmets to provide additional face/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

PERIOD OF PERFORMANCE

- Current Contract FY12-17

MILESTONES

- FY16 – Market Research
- 1st QFY17 Solicitation
- 3rd QFY17 Contract Awd.

ACQUISITION STRATEGY

- Addition to Existing IDIQ

PERIOD OF PERFORMANCE

- FY16-21

MILESTONES

- FY17 – Market Research
- User evaluations as appropriate

FUNDING

- FY16 - \$0.88M O&M
- FY17 - \$0.86M O&M
- FY18 - \$0.83M O&M

CURRENT CTR / OEM

- Ops-Core

POINT OF CONTACT

- 813.826.9482 (TILO)

FUNDING

- FY16 - \$0.84M O&M
- FY17 - \$0.83M O&M
- FY18 - \$0.84M O&M

CURRENT CTR / OEM

- Wilcox
- Norotos

Modular Integrated Communications Headsets

- Suite of hearing protection and communications headsets
 - Maritime
 - Land



ACQUISITION STRATEGY

- Addition to existing IDIQ

PERIOD OF PERFORMANCE

- Maritime – FY17-FY22
- Land – Planned FY18-23

MILESTONES

- FY15-FY17 Maritime Re compete
- FY17-18 Land Re compete Planned
- FY17 Initiate Wireless Effort

POINT OF CONTACT

- 813.826.9482 (TILO)

FUNDING

- FY16 - \$6.59M O&M
- FY17 - \$16.80M O&M
- FY18 - \$6.77M O&M

CURRENT CONTRACT/OEM

- Television Equipment Associates
- Peltor

Special Operations Eye Protection

- 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

- FY 16-21

MILESTONES

- FY17 Market Research
- User evaluations as appropriate

POINT OF CONTACT

- 813.826.9482 (TILO)

FUNDING

- FY16 - \$0.44M O&M
- FY17 - \$0.45M O&M
- FY18 - \$0.45M O&M

CURRENT CONTRACT/OEM

- Oakley
- Smith Optics
- Revision

TCCC Business Opportunities

ACQUISITION

Operator Kit



Medic Kit



CASEVAC



TCCC Modernization Strategy:

- On-going modernization thru sustainment
- Novel and advanced technologies incorporated as approved (i.e. FDA, UIAA, NFPA, etc.) and evaluated by user for acceptance and inclusion

Planned Recompetes:

- FY17 – Casualty Evacuation (CASEVAC) Set

Tactical Casualty Combat Care (TCCC) Operator Kit

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



ACQUISITION STRATEGY

- Prime Vendor Contracts

PERIOD OF PERFORMANCE

- Sustainment through FY21

MILESTONES

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

POINT OF CONTACT

- 813.826.9482 (TILO)

FUNDING

- \$1.66M in FY16
- \$1.71M in FY17
- \$1.65M in FY18

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



ACQUISITION STRATEGY

- Prime Vendor Contracts

PERIOD OF PERFORMANCE

- Sustainment through FY21

MILESTONES

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

POINT OF CONTACT

- 813.826.9482 (TILO)

FUNDING

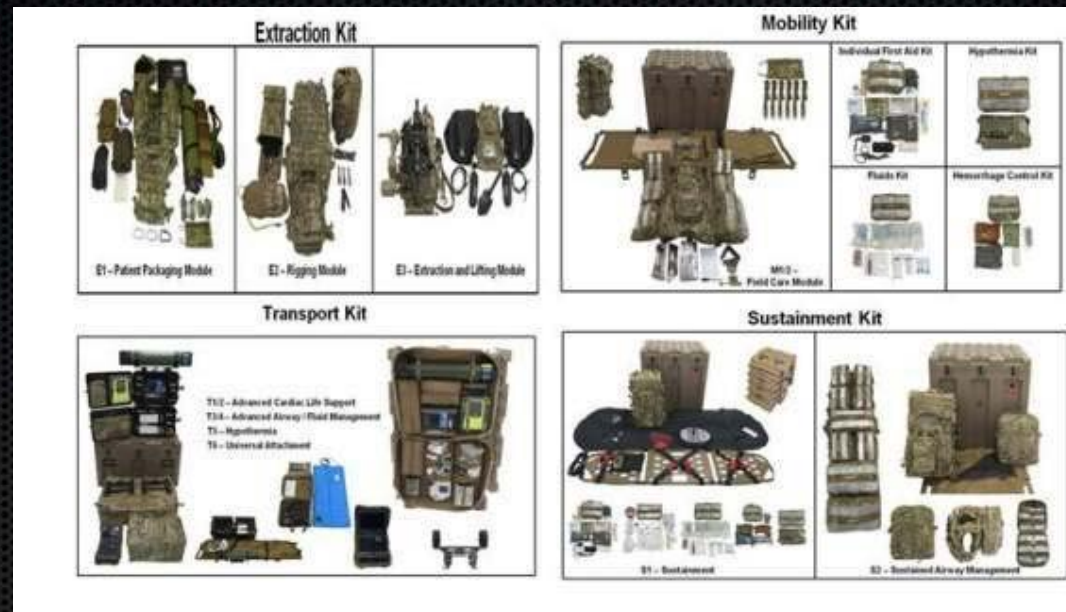
- \$1.50M in FY16
- \$1.47M in FY17
- \$1.22M in FY18

CURRENT CONTRACT/OEM

- Cardinal Healthcare
- DMS Pharmaceuticals

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

- Extract
- Extricate
- Stabilize
- Monitor
- Treat
- Transport



ACQUISITION STRATEGY

- Existing IDIQ Contract

PERIOD OF PERFORMANCE

- Contract Expires 31 Oct 17

MILESTONES

- Milestone C – 7 July 11
- Sustainment recompetes in FY17

POINT OF CONTACT

- 813.826.9482 (TILO)

FUNDING

- \$8.74M in FY16
- \$9.61M in FY17
- \$4.57M in FY18

CURRENT CONTRACT/OEM

- Tribalco, LLC.

Questions

PEO-SW PM Portfolio Briefs

A&W

Session 1



SPECIAL OPERATIONS FORCES INDUSTRY CONFERENCE

LTC Mark Owens
Program Manager
Ammo & Weapons



SOF WARRIOR

Ammo & Weapons Portfolio

Visual Augmentation Systems

- Helmet Mounted
- Handheld
- Weapon Mounted



Sniper Scope w/Improved Night Observation Device (INOD)



Combat Optics and Lasers



Hand Held Imagers



Night Vision Goggle w/ Clip-on Thermal Imager

Weapons and Accessories

- Combat Assault Rifles
- Machine Guns
- Sniper Rifles
- Suppressors



Combat Assault Rifle



MK13 MOD 7 Sniper Rifle



Advanced Lightweight Grenade Launcher

Ammunition, Demolitions and Breaching

- Small Caliber Ammunition
- Shoulder Fired Systems
- Aviation Ammunition
- Demolitions and Pyrotechnics



Lightweight Shoulder Launched Weapon



AC-130 ammo

Non Standard

- Small Caliber Ammunition
- Non-Standard Arms



Non-Standard Munitions



Non-Standard Arms



Lead-free Training Ammo



Non-Standard Arms

VAS: Helmet Mounted

Clip-on Undetectable Imager

- Clip on Augmented Reality using Thermal and or peripheral inputs
- Utilize current performance parameters, with:
 - Out of band sensor shall provide the user with an optical overlay fusion capability when attached to the AN/PVS-31
 - The unit should weigh (including batteries, mounts and cables) less than 400 grams
 - No perceptible latency
- Compatible with SOF's NVGs



ACQUISITION STRATEGY

- Full and Open Competition
- IDIQ Contract

PERIOD OF PERFORMANCE

- 5 Years

MILESTONES

- RFP Release: 3rd QTR FY17
- Contract Award: 2nd QTR FY18

POINT OF CONTACT

- 813.826.9482 (TILO)

FUNDING

- \$49M

CURRENT CONTRACT/OEM

- H92222-13-C-0015,
Optics 1, Manchester, NH

VAS: Weapon Mounted

ACQUISITION

Enhanced Combat Optical Sight

- Procurement of Enhanced Combat Optical Sight - Carbine for the next generation SU-230/PVS and SU-261/PVS family of systems
- Improve on current performance parameters
 - Threshold engagement range of 500M, objective of 1000M
 - Large eye-box, low parallax, and integrated aim point (1x)
 - Reticle configurations for both 5.56mm and 7.62mm weapons
 - Weight comparable to existing platforms
 - Variable magnification from 1x to 6x and/or 1x to 8x.
(based overall performance)
- Compatible with SOF assault weapons and light machine guns
- Squad Aiming Laser (SAL)
- MK 17 Combat Assault Rifle shock hardened



ACQUISITION STRATEGY

- Full and Open Competition
- IDIQ Contract

PERIOD OF PERFORMANCE

- 5 Years

MILESTONES

- RFP Release: 3rd QTR FY17
- Contract Award: 2nd QTR FY18

POINT OF CONTACT

- 813.826.9482 (TILO)

FUNDING

- \$49M

CURRENT CONTRACT/OEM

- N00164-10-D-JN71, Raytheon ELCAN
- N00164-10-D-JN77, Raytheon ELCAN
- N00164-10-D-JN02, L-3 Warrior Systems

VAS: Handheld

Small Target Location Device

- Potential contract for development and procurement of Small Target Location Device
- Looking at Service Common Solution Alternatives
- Provide CAT II Target Coordinates (TLE 90 < 15m @ 3km)
- Hand-Held Configuration (< 5.5 lbs.)
- Provide Day/Night targeting capability in denied environment



ACQUISITION STRATEGY

- Full and Open Competition
- IDIQ Contract

PERIOD OF PERFORMANCE

- 5 Years

MILESTONES

- RFP Release: 3rd QTR FY17
- Contract Award: 2nd QTR FY18

POINT OF CONTACT

- 813.826.9482 (TILO)

FUNDING

- \$49M

CURRENT CONTRACT/OEM

- Currently plan to leverage Army JETs program

Weapons and Accessories: Sniper Rifles

Precision Sniper Rifle

- Contract for procurement of Precision Sniper Rifle
- Provides a multi-caliber solution to engage enemy targets out to 1500m
- System must be user configurable to rapidly change calibers, the user should not be able to close the chamber when the barrel and bolt are of different calibers.
- Optimized for anti-personnel at 1500m

ACQUISITION STRATEGY

- Full and Open Competition
- IDIQ Contract

PERIOD OF PERFORMANCE

- 5 Years

MILESTONES

- RFP Release: 2nd QTR FY18
- Contract Award: 1st QTR FY19

POINT OF CONTACT

- 813.826.9482 (TILO)

FUNDING

- \$50M

CURRENT CONTRACT/OEM

- N/A

Weapons and Accessories: Machineguns

Long Range Medium Machinegun

- Contract for procurement of Long Range Medium Machinegun
- Provides a 2000m engagement capability
- System must be of comparable weight to the current M240B machinegun
- Optimized for ammunition in polymer
- System should include advanced barrel, suppressor, and thermal mitigation technology

ACQUISITION STRATEGY

- Full and Open Competition
- IDIQ Contract

PERIOD OF PERFORMANCE

- 5 Years

MILESTONES

- RFP Release: 2nd QTR FY19
- Contract Award: 1st QTR FY20

POINT OF CONTACT

- 813.826.9482 (TILO)

FUNDING

- \$50M

CURRENT CONTRACT/OEM

- N/A

Ammo, Demolitions, Breaching: Small Caliber

Lead-Free Training Ammunition

- Contract for procurement of lead-free training ammunition
- Compatible with Shoot House requirements
- Short range training ammunition for 5.56mm to replace M862
 - Related efforts include Man Marker Round for 5.56mm (linked and unlinked), and alternative 9mm Simunition FX cartridge



ACQUISITION STRATEGY

- Full and Open Competition
- IDIQ Contract

PERIOD OF PERFORMANCE

- 5 Years

MILESTONES

- RFP Release: 3rd QTR FY18
- Contract Award: 1st QTR FY19

POINT OF CONTACT

- 813.826.9482 (TILO)

FUNDING

- \$20M

CURRENT CONTRACT/OEM

- N/A

Lightweight Ammunition

- Contract for procurement of lightweight polymer ammunition
 - 50-caliber sniper round (unlinked)
 - 50-caliber non dud-producing training round
 - Intermediate caliber such as 260 Remington
- Should reduce overall cartridge weight by over 30% compared to existing rounds

ACQUISITION STRATEGY

- Full and Open Competition
- IDIQ Contract

PERIOD OF PERFORMANCE

- 5 Years

MILESTONES

- RFP Release: 2nd QTR FY17
- Contract Award: 4th QTR FY17

POINT OF CONTACT

- 813.826.9482 (TILO)

FUNDING

- \$20M

CURRENT CONTRACT/OEM

- N/A

FMA: Small Arms Ammunition

Non-Standard Ammunition

- Contracts for procurement of nonstandard ammunition
 - 7.62x39
 - 7.62x54R
 - 12.7x108
 - 14.5x115
 - 23x152B
- One of the effects of these contracts will be to strengthen our domestic industrial base for nonstandard ammunition



ACQUISITION STRATEGY

- Full and Open Competition
- IDIQ Contract

PERIOD OF PERFORMANCE

- 5 Years

MILESTONES

- RFP Release: 3rd QTR FY16
- Contract Award: 1st QTR FY17

POINT OF CONTACT

- 813.826.9482 (TILO)

FUNDING

- \$20M

CURRENT CONTRACT/OEM

- N/A

Ammo and Weapon Business Opportunities

- **Signature Reduction technologies for Targeting Laser (Out of Band and Notional Laser)**
- **Domestic sources of production for non-standard ammo and weapons**
- **Lightweight Ammunition, Toxin Free**
- **Signature reduction for Small Arms- Sound, Flash**
- **Precision Sniper Rifle, Suppressed Upper Receiver Group (SURG), Intermediate Caliber- Long Range Machine Gun 2000m**

Questions

SOFIC - SOFWIC Process

TODAY!

Interests @ SOFIC

FedBizOps

Eval Papers

SOFWIC

EMERGING INTERESTS



Objective

- Enhance PEO-SW and Supported Community User Team collaboration with industry in support of the SOF Operator.
- Identify innovative capability solutions that might add enhanced capabilities to the Special Operations Forces (SOF) warfighter.
- Influence Industry Research and Development (IRAD) - We want industry working on the right stuff that meets our Interests!

BAA's & Tech Experiments

Capability Collaboration Events - SOFWERX

SBIRS / CRADA

Combat Eval/Projects

ICD/CDD/CPD - Programs



Break-Out Discussions

