

# Special Operations Forces Industry Conference



## COL Jim Smith

Program Executive Office - SOF Warrior Systems



# SOF Warrior

# Agenda

- Mission
- Organization
- Who We Are
- What We Do
- PEO Challenges
- Competitive Opportunities
- Technology Challenges



**SOF Warrior**

# Mission

Equip Special Operations Forces for Decisive  
Engagement While Conducting Ground  
SOF Activities  
and  
Counter Terrorism and Counter WMD  
Proliferation Missions



# Organization

Program Executive Officer  
COL Jim Smith  
Deputy Program Executive Officer  
Mr. Mark Steblin

Budget and Financial  
Management

System Integration  
Sustainment, NET, and FTT

Program Managers  
Family of SOF Vehicles  
Survival Support Equipment Systems  
Counter Proliferation  
Sensitive Activities  
Special Programs  
Communications and Intelligence Support Systems

System Acquisition Managers  
Target Engagement Systems  
Survival Support Equipment Systems  
C4 – Information Operations  
Mobility

ARDECs

NSWC-Crane

Natick-Soldier Systems



# Who We Are



Advanced Lightweight  
Grenade Launcher



MK13 Sniper Rifle w/ INOD



AN/PVS-15 Night Vision  
Goggle



MK48 Lightweight SOF Machinegun



EGON Jammer



RG-31 Medium Mine  
Protected Vehicle



SOF Demolition Kit



Multi-Purpose Anti-Armor  
Anti-Personnel Weapon  
System

Modular Integrated  
Communications  
Helmet



Handheld  
Laser Marker



Ground Mobility Vehicle



SOF Laser  
Acquisition Marker



Combat Casualty Care Kit



SOF Combat Assault Rifle



Body Armor/  
Load Carriage System

# Mobility



- **SOF Unique**
  - Single seat 4x4 All Terrain Vehicles procurement and fielding
  - Side-by-Side 4x4 All Terrain Vehicles procurement and fielding
  - Non-Standard Commercial Vehicle procurement and fielding
  - Specialized Reconnaissance Assault Transport System fielding
  - Internally Transported Vehicle development
- **SOF Modifications to Service Common**
  - Ground Mobility Vehicle
  - MRAP Family (RG-31, RG-33, AUV, and MATV)



# Target Engagement



- **Visual Augmentation Systems**
  - Head Borne: PVS-15A, Clip-On Thermal Imager, Digital Fusion Goggles, Panoramic Night Vision Goggle
  - Weapon Mounted: Clip-On Night Vision Devices, Direct Optic Magnified Sights, Red Dot Aiming Sights, Sniper Sights
  - Handheld: Thermal Imagers, Laser Acquisition Markers
  - Vehicle Mounted: Driver, Short-Range, and Long-Range Mobility Systems
- **Weapons and Accessories**
  - Combat Assault Rifles
  - Machine Guns
  - Sniper Rifles
  - Laser Pointers, Illuminators, and Suppressors



# Survival



- Medical: Operator and Medic Kits, Causality Evacuation Kits
- Body Armor, Soft Armor, and Load Carriers
- Combat Uniforms
- Helmets and Mounts
- Eye protection and Headsets





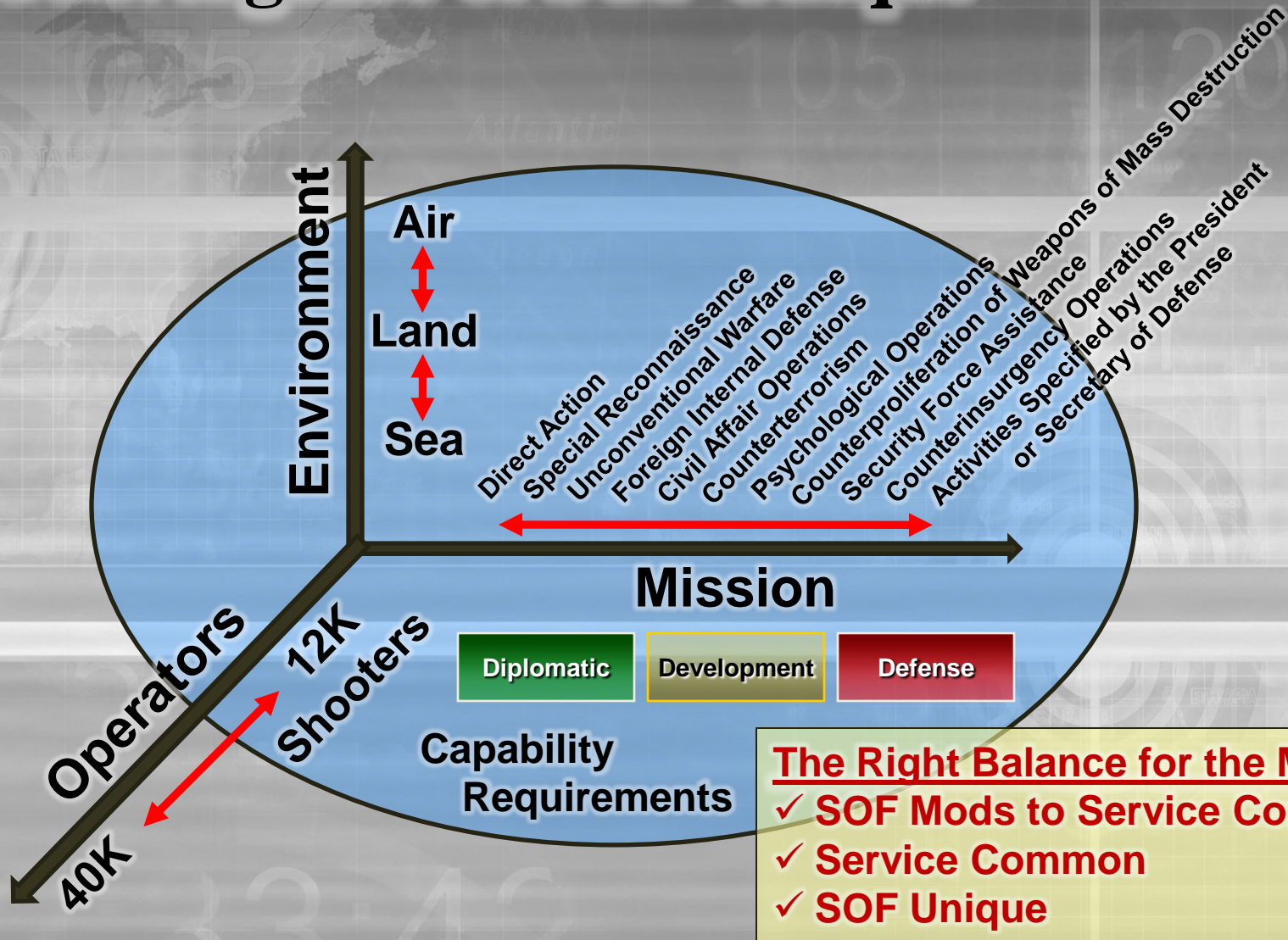
# What We Do (June 2009 – May 2010)

- Number of Contracts/Orders 509; Percent Competitive 44%
  - Clip-On Thermal Imager (COTI) (\$32M, IDIQ, 5 Years)
  - Mine Resistant Ambush Protected – All Terrain Vehicle (MATV) (\$136M, Production, 2 Years)
  - I<sup>2</sup> Tubes (\$30M, IDIQ, 3 Years)
- Funds Executed:
  - RDT&E \$99M
  - PROC \$561M
  - O&M \$358M
- Equipment Fielded
  - SOF Combat Weapons 3,704
  - SOF Weapons Accessories 28,880
  - Visual Augmentation Devices 8,309
  - SOF Vehicles 451
  - Survival Support Equipment Systems 83,108



## SOF Warrior

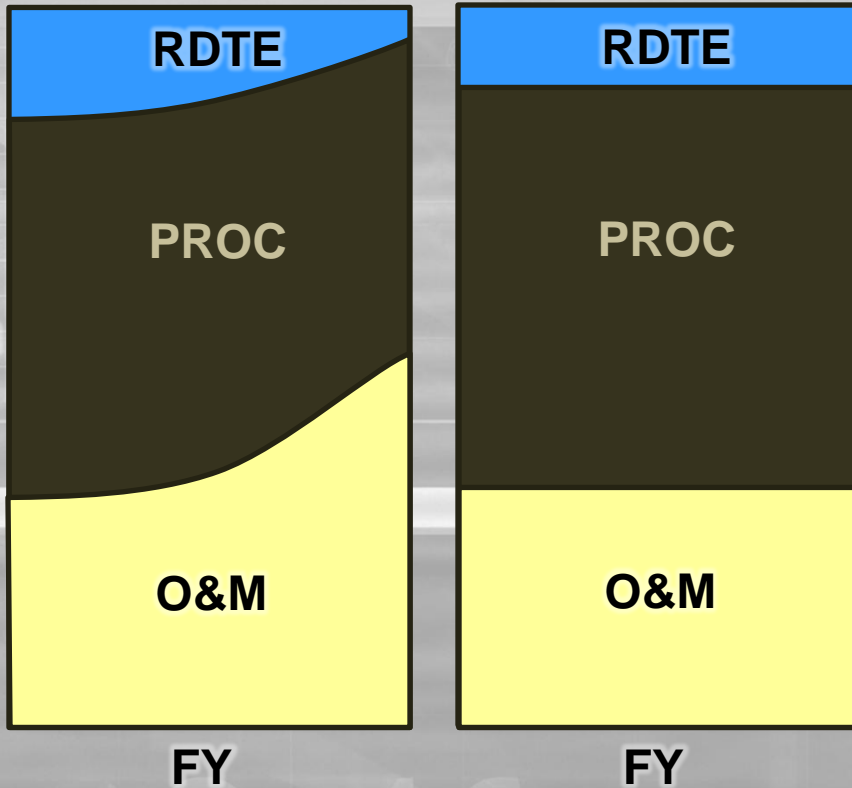
# Convergence of SOF Unique



# PEO Challenges

Current Profile

Desired Profile



## Risk Mitigation Focus Areas

← National-to-Theater Transitions

← SOF-unique to Service-Common

← Control Sustainment Costs

MFP-11  
Obligation  
Authority  
\$

# Opportunities Next 12-18 Months

- Non Standard Material
- Improved Flash-Bang Grenade
- Enhanced Carbine Optical System
- Enhanced Carbine Optical System for close quarter combat
- Backpack
- Eye Protection (Spectacles and Goggles)
- Soft Armor
- Modular Supplemental Armor Protection (Extremity Protection)
- Load Carriage Systems (various)
- Visual Augmentation System (VAS) Mounts
- Ballistic Plate
- Armor Vest
- Maritime Communications



**SOF Warrior**

# Non-Standard Material



SOF operators must be proficient with a wide variety of weapons. To support this requirement USSOCOM purchases small quantities (10-100) of weapons and ammunition which is not within the U.S. inventory. Weapons may include AK-47, RPG-7, 28mm Mortars, MP-5, and associated ammunitions. In some cases the Government may accept delivery overseas.

## Acquisition Strategy

Blanket Purchase Agreement  
Vendor bids due normally within 30 days

## Period of Performance

Five Years

## Milestones

RFP Release August 2010  
Awards per Task Orders

## Point of Contact

PEO SW

## Funding

Current average: 1.5M annually

## Current Contract/OEM

22 separate vendors

# Improved Flash-Bang Grenade

USSOCOM is looking for a MK13 replacement. Characteristics sought include Loudness, Flash (as measured in intensity, duration, and size of the fire ball), Reduced Smoke, Hand-Safe (even if device was to explode in the users hand), and Non-Lethal.



## Acquisition Strategy

Full and Open Competition to acquire replacement item for the current MK13

## Period of Performance

TBD

## Milestones

RFP Release August 2010  
Contract Award March 2011

## Point of Contact

PEO SW

## Funding

TBD, annual inventory use and objective is estimate at 15,000

## Current Contract/OEM

NSWC-Crane

# Enhanced Carbine Optical System

USSOCOM is seeking a replacement for the SU-230 and SU-230A articulated telescopes. A variable powered sight compatible with existing clip-on MDNS systems is required.

## Acquisition Strategy

Full and Open Competition  
IDIQ

## Period of Performance

5 Years

## Milestones

RFP Release 2<sup>nd</sup> Qtr FY11  
Award 1<sup>st</sup> Qtr FY12

## Point of Contact

PEO SW

## Funding

Estimated \$50M ceiling  
Annual procurements based on  
Component requirements

## Current Contract/OEM

ELCAN

# Enhanced Carbine Optical System for Close Quarter Combat

USSOCOM is seeking a replacement for the SU-231 reflex sight. An open field of view, quick target acquisition sight compatible with existing night vision capabilities is required.

## Acquisition Strategy

Full and Open Competition  
IDIQ

## Period of Performance

5 Years

## Milestones

RFP Release 2<sup>nd</sup> Qtr FY11  
Award 1<sup>st</sup> Qtr FY12

## Point of Contact

PEO SW

## Funding

Estimated \$50M ceiling  
Annual procurements based on Component requirements

## Current Contract/OEM

EOTECH



# Backpack

5 year IDIQ contract with estimated \$50M ceiling. Annual procurements vary and are based on USSOCOM Component requirements.



## Acquisition Strategy

Full and Open Competition  
IDIQ

## Period of Performance

5 Years

## Milestones

RFP Release 4thQtrFY11  
Award May/June 2012

## Point of Contact

PEO SW

## Funding

Estimated \$50M ceiling  
Annual procurements based on  
Component requirements

## Current Contract/OEM

Mystery Ranch  
S.O. Tech

# Eye Protection (Spectacles and Goggles)

5 year IDIQ contract with estimated \$50M ceiling. Annual procurements vary and are based on USSOCOM Component requirements.



## Acquisition Strategy

Full and Open Competition  
IDIQ

## Period of Performance

5 Years

## Milestones

RFP Release Nov 2010  
Award May 2011

## Point of Contact

PEO SW

## Funding

Estimated \$50M ceiling  
Annual procurements based on  
Component requirements

## Current Contract/OEM

Oakley

# Soft Armor

5 year IDIQ contract with estimated \$350M ceiling. Annual procurements vary and are based on USSOCOM Component requirements



## Acquisition Strategy

Full and Open Competition  
IDIQ

## Period of Performance

5 Years

## Milestones

RFP Release Oct 2010  
Award Jun 2011

## Point of Contact

PEO SW

## Funding

Estimated \$350M ceiling  
Annual procurements based on  
Component requirements

## Current Contract/OEM

BAE  
Safari-Land

# Modular Supplemental Armor Protection (Extremity Protection)

5 year IDIQ contract with estimated \$50M ceiling. Annual procurements vary and are based on USSOCOM Component requirements



## Acquisition Strategy

Full and Open Competition  
IDIQ

## Period of Performance

5 Years

## Milestones

RFP Release Nov 2011  
Award Sep 2012

## Point of Contact

PEO SW

## Funding

Estimated \$50M ceiling  
Annual procurements based on  
Component requirements

## Current Contract/OEM

Ceradyne

# Load Carriage Systems (various)

5 year IDIQ contract with estimated \$50M ceiling. Annual procurements vary and are based on USSOCOM Component requirements



## Acquisition Strategy

Full and Open Competition  
IDIQ

## Period of Performance

5 Years

## Milestones

RFP Release Oct 2011  
Award Jun 2012

## Point of Contact

PEO SW

## Funding

Estimated \$50M ceiling  
Annual procurements based on  
Component requirements

## Current Contract/OEM

ADS Corp  
Eagle

# Visual Augmentation System (VAS) Mounts

5 year IDIQ contract with estimated \$50M ceiling. Annual procurements vary and are based on USSOCOM Component requirements



## Acquisition Strategy

Full and Open Competition  
IDIQ

## Period of Performance

5 Years

## Milestones

RFP Release Nov 2012  
Award May 2013

## Point of Contact

PEO SW

## Funding

Estimated \$50M ceiling  
Annual procurements based on  
Component requirements

## Current Contract/OEM

Norotos  
Wilcox

# Ballistic Plate

5 year IDIQ contract with estimated \$350M ceiling. Annual procurements vary and are based on USSOCOM Component requirements



## Acquisition Strategy

Full and Open Competition  
IDIQ

## Period of Performance

5 Years

## Milestones

RFP Release Nov 2011  
Award Sep 2012

## Point of Contact

PEO SW

## Funding

Estimated \$350M ceiling  
Annual procurements based on  
Component requirements

## Current Contract/OEM

Ceradyne

# Armor Vest

5 year IDIQ contract with estimated \$50M ceiling. Annual procurements vary and are based on USSOCOM Component requirements



## Acquisition Strategy

Full and Open Competition  
IDIQ

## Period of Performance

5 Years

## Milestones

RFP Release Oct 2011  
Award Jun 2012

## Point of Contact

PEO SW

## Funding

Estimated \$50M ceiling  
Annual procurements based on  
Component requirements

## Current Contract/OEM

BAE  
Safari-Land  
Eagle



# Maritime Communications

5 year IDIQ contract with estimated \$50M ceiling. Annual procurements vary and are based on USSOCOM Component requirements



## Acquisition Strategy

Full and Open Competition  
IDIQ

## Period of Performance

5 Years

## Milestones

RFP Release Jul 2012  
Award Feb 2013

## Point of Contact

PEO SW

## Funding

Estimated \$50M ceiling  
Annual procurements based on  
Component requirements

## Current Contract/OEM

Television Equipment Associates

# PEO SW Breakout Sessions

Wednesday, June 16, 1430-1515

Thursday, June 17, 1430-1515

## Technology/Capability Areas of Interest

- Integrated Systems
- Signature Reduction
- Improved Situational Awareness
- Wireless Technology
- Virtual Training and Rehearsal
- Survivability



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# Questions?

