MAJ Jason Rissler

Systems Acquisition Manager

Soldier Survival Support and
Equipment Systems Initiatives

PROGRAM EXECUTIVE OFFICE SOF WARRIOR

Operator Focused - On Time, On Target!

PM SOF-SSES Mission

Plan, Develop, Acquire, Test, Field, and Sustain/Improve USSOCOM Survival, Support and Equipment Systems
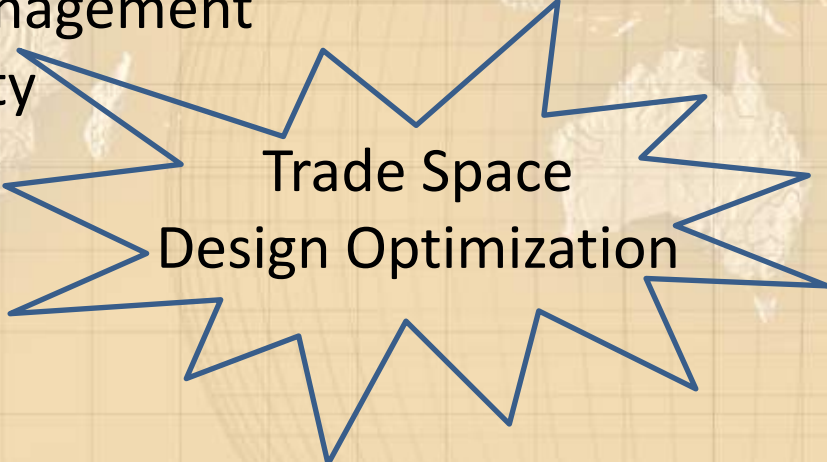
SSES Mission Areas:
- Survivability Systems
- Individual Equipment Systems
- Special Programs
- Cradle to Grave Responsibility

Acquisition Philosophy

- Continued enhancement of the special operator's performance in eleven core activities through the evolutionary modernization of mission unique survival, support, and equipment systems
  - Fully integrated in the requirements /development process
- Evaluate Service Common / Commercial / Indigenous Material Solution
  - Reduced Weight and Bulk
  - Improve Personal Signature Management
    Increased Comfort and Durability
  - Reduced Cost
  - Increase Performance
  - Integrate System Capabilities

Trade Space
Design Optimization

Survivability Portfolio

- Body Armor Load Carrying Systems
  - Ballistic Vests
  - Ballistic Helmets / Plates
  - Load Carrying Systems

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

- Communications Headsets
  - Peltor ⎱ Hands Free
  - Silynx ⎰ Wireless

- Miscellaneous
  - SOF Operator Eye Protection
  - Backpacks
  - VAS Mounts

Survival – Protection "Today"

SOF-Peculiar

Service Transition/Common

Environmental Protection	Ballistic Protection	Packs & Load Carriage	Helmets/VAS Mounts	Communication Equipment

USASFC

75th

AFSOC

NSW

MARSOC

MultiCam

Protective Combat Uniform (8 Levels)

AOR 1 & 2

Swoop Glove

MGS

SOEP

CLBA

MSAP

Stand-Alone Plate   MMAC

GEN IV Plate

M97 Soft Armor   Gen III Plate

Backpacks (Except AFSOC/MARSOC)

LCS

RBAV

LVBAV

MBAV

OpsCore FAST

TC2000/2001

Wilcox Helmet Mount

Norotos Helmet Mount

Silynx Headset (except AFSOC)

Peltor Headset

Sordin, Invisio and Source of Sound Headsets

Survivability

FY	12				13				14				15				16				17			
QTR	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4

SSES Acquisition

Ballistic Helmets

NSW Light Weight Helmet — ▲K — MICH Replacement Helmet — Recompete — ▲K

Adv Combat Helmet — Advanced Combat Helmet (ACH)

Enhanced Combat Helmet — Army and Marine Corps Common

OPS-CORE FAST (N2T) — FAST Helmet

Helmet Load Analysis — Helmet Load Analysis

Helmet Pad Impact Research — Helmet Pad Impact Research

Helmet Sensor Research — Helmet Sensor Research

Blast Research — Blast Research

Behind Armor Effects — Behind Armor Effects

Next Gen Helmet Dev — NEXT Gen Helmet Dev

Novel Ballistic Material — Next Gen Light Weight Material - Helmets & Body Armor

Legend
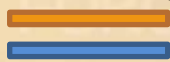
- ▬ SW PoR (based on P&R Docs)
- ▬ S&T, DARPA, Lab Efforts
- ▬ Services Efforts
- ▲ Milestone (Reqt Doc, Contract Award/Re-compete)

NOTE: No PROC in SPEAR based on FY 09 Guidance from OSD

Survivability

FY	12				13				14				15				16				17			
QTR	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
SSES Acquisition																								
Body Armor																								
SPEAR/Swimmer GEN IV				GEN IV Fielding																				
SPEAR Hard Armor						Recompete	K ▲		SPEAR/Swimmer GEN V															
SPEAR Soft Armor	Recompete	K ▲		SPEAR Soft Armor																				
Interceptor Body Armor	ESAPI/XSAPI																							
IOTV Soft Armor	Improved Outer Tactical Vest/Soft Armor																							
Hard Armor Market Research																					Market Research			
Threat Validation	Threat Validation																							
Foreign Ammo Exploitation					Foreign Ammo Exploitation Testing																			
Non-Destructive Inspection	NDI Research																				NDI Research			
Eye Protection																								
Spec Ops Eye Protection							Recompete - TBD	K ▲	Next Gen Eye Protection															
Combat Eye Protection	Military Combat Eye Protection Program - Army Common Goggles/Spectacles																							
Market Research	Market Survey																							
Eyewear Photochromic Lenses	Photochromic Lenses																							
Eyewear Laser Lenses	Laser Lenses																							
Eyewear Anti-Fog Research					Anti-Fog Research																			

Legend

▬ SW PoR (based on P&R Docs)   ▬ Services Efforts

▬ S&T, DARPA, Lab Efforts   ▲ Milestone (Reqt Doc, Contract Award/Re-compete)

NOTE: No PROC in SPEAR based on FY 09 Guidance from OSD

UNCLASSIFIED

Transition Initiatives

(FY) Transition Timeframe

S&T to Program

Thermal signature reduction technologies (FY13)

Advanced garment technologies (FY13)

Combat Eval to All SOF

Ops-Core Helmet (FY11)

CLBA (FY12)

Frontal Lobe for Helmets (FY13)

SOF to Service

MICH to ACH (FY02)

MBAV to Soldier Plate Carrier (FY08)
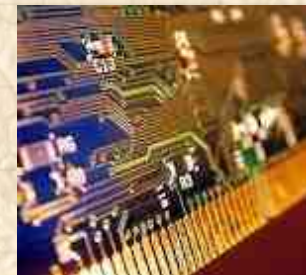
AOR I (Desert) / AOR II (Woodland) Camo Patterns (FY09)

MultiCam Pattern (FY10)

Technology Areas of Interest:

- Reduced weight ballistic protection
- Advancements in Signature Management
- Super light weight, durable loft materials
- Active/Passive Heating/Cooling
- Hydration
- Vertical Assault (Maritime and Land Targets)
- Combat Swimmer Platforms (Surface and Subsurface)
- Fire retardant materials without compromise of current capabilities

Questions?