SPECIAL OPERATIONS FORCES INDUSTRY CONFERENCE

Win • Transform • People

Ms. Kelly Stratton-Feix Director

SOF AT&L ACQUISITION AGILITY

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Acquisition Agility Directorate

Mission - Build the Network, Provide the Venues, and Develop the Tools and Processes to Enable Agile SOF Acquisition

• SOF AT&L Program Management and Government Authority for the Partnership Intermediary Agreement (PIA)

• Advocacy Across Enterprise For Collaboration, Prototyping, Experimentation and Other Developmental Activities – From Incremental to Game Changing
# SOFWERX Value

<table>
<thead>
<tr>
<th>Capability</th>
<th>Value</th>
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<tbody>
<tr>
<td>• SOF Focused Ecosystem</td>
<td>• Making New Tech and Capabilities Available</td>
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<tr>
<td>• Ideation Sessions &amp; Collaboration for Warfighters &amp; Innovators</td>
<td>• Pacing Commercial Tech Gains &amp; Threats</td>
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<td>• Fast and Flexible Agent to Individuals, Industry and Academia</td>
<td>• Better Informed and Quality Decision Making</td>
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<td>- Simple, Rapid Non-FAR Sub-Awards</td>
<td>• Low Barriers for Collaboration, Prototyping &amp; Experimentation</td>
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<td>- Off-Base Access</td>
<td>• Fair Assessments, Recommendations and Support Via Facilitation</td>
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<td>- Honest Broker</td>
<td>• Building Relationships with New Business Partners &amp; OGAs as Innovation Partners</td>
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15 USC §3715: *An Agreement that Provides an Intermediary to Perform Services that Increase the Likelihood of Success in the Conduct of Cooperative or Joint Activities with Small Business Firms, Institutions of Higher Education, or Educational Institutions*
SOFWERX: An Alternate Pathway

- Conduct Upfront Acquisition Brainstorming/Strategy
- Define Problem Set
- Develop Limited Number Of Units For Testing, Prototyping, User Evaluations, etc.
- Determine Decision Point For Further Investment
# USSOCOM – SOFWERX Pathways

<table>
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<tr>
<th>Needs</th>
<th>Events</th>
<th>Outcomes</th>
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<tbody>
<tr>
<td>State of the Art Technologies &amp; Markets</td>
<td>Capability Collaboration Events</td>
<td>Information – Contacts – Ideas</td>
</tr>
<tr>
<td>Targeted Technologies / Markets</td>
<td>Capability Assessment Events</td>
<td>In Depth &amp; Focused Info – Ideas</td>
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<tr>
<td>Basic Concepts / Designs / Prototypes</td>
<td>Prize Challenge</td>
<td>Initial Assessment and Feasibility</td>
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<tr>
<td>Basic / Advanced Prototypes for T&amp;E</td>
<td>Rapid Prototyping Event</td>
<td>Solutions for Further Development and T&amp;E</td>
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<tr>
<td>Basic / Advanced Prototype for T&amp;E and Further Production</td>
<td>Other Transaction Authority</td>
<td>Insights and/or Solutions for Further Development and Production</td>
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<tr>
<td>Basic / Advanced Prototypes</td>
<td>Collaborative Project Order</td>
<td>Purpose-built Project Order for PEO, up to 12 Months</td>
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SOFWERX Way Ahead/Challenges

• Mature Upfront Strategies to Accelerate Transitions
• Proliferate Announcements for Non-FAR Opportunities
• Continued Education and Training
• Increase Opportunities for DoD and Service Partner Efforts
• Expand Pilot Programs: SBIR/STTR & RIF
Message to Industry

• Join the SOFWERX Ecosystem
• Become Knowledgeable of Non-FAR Acquisition Authorities
• Understand That SOFWERX Events May Lead to Follow-On Activities
• Recognize That ROI Comes In Many Forms: Contracts; Feedback; Insight to SOF Problem Sets; Relationships and Partnering Opportunities
• Seek out Opportunities to Collaborate with us
To Reach Us…

Kelly Stratton-Feix (Director, HQ USSOCOM Acquisition Agility)
813.826.3016  kelly.Stratton-feix@socom.mil

Joel Fritz (SOFWERX PM)
813.826.7290  joel.fritz@socom.mil

Michael Guinn (SOFWERX APM)
813.826.5149  michael.guinn@socom.mil
I. Create and maintain a platform to accelerate delivery of innovative capabilities to USSOCOM

II. Facilitate capability refinement thru exploration, experimentation and assessment of promising technology

A platform designed and operated to help solve challenging warfighter problems through increased collaboration and innovation
Who’s Involved

- Under Partnership Intermediary Agreement (PIA) with USSOCOM, Doolittle Institute DBA DEFENSEWERX manages and implements the SOFWERX platform.
  - Eco-system of ~20K non-traditional partners we bring to bear on SOCOM challenges.
  - Can quickly focus warfighters and technical experts through ideation.
  - Neutral facilitation for all participants.
  - Non-FAR based agility.
- “Big Tent” which includes
  - SOCOM
  - Inter Agency Partners
  - Industry Partners/Fellows
  - FFRDC’s/Labs
  - Academics/Interns
  - Hackers/Makers
Two Years In: Making a Difference

**Nominations**
- 24 x Component
- 7 x J-Code
- 64 x SOF AT&L
- 31 x SOFWERX Initiated
- 69 x Warfighter

**Activity**
- 9 x Collab. Project Orders
- 4 x Rapid Prototyping Events
- 7 x Hackathons
- 7 x Capability Assessment Events
- 5 x Tech Expos

- 33 x RAPS Projects
- 26 x Capability Collaboration Events
- 3 x Feasibility Studies
- 15 x Prize Challenges
- 14 x Tech Talks

**Impact**
- 96 x Agreements
- 125 x Knowledge Transfers
- 61 x Validations
- 26 x Consignments
- 2 x Transitions to PoR
Announcement of SOFWERX events that are considered to have high potential for further efforts that may be accomplished via FAR-based contracting instruments, Other Transaction Authority (OTA) for Prototype Projects 10 USC 2371b, Prizes for advanced technology achievements 10 USC 2374a, and/or Prize Competitions 15 USC 3719, may be made at the www.sofwerx.org and/or www.teamwerx.org website(s). All announcements made at the www.sofwerx.org and/or www.teamwerx.org website(s) are considered to satisfy the reasonable effort to obtain competition in accordance with 10 USC 2374a (b), 15 USC 3719 (e) and 10 USC 2371b (b)(2). All FAR based actions will follow announcement procedures per FAR 5.201(b) accordingly.
ThunderDrone

ThunderDrone RPE 1:
Offensive UAS Capabilities
5 Sept – 03 Nov
• 13 operationally relevant experiments
• 178 submissions
• 75 industry partners attended expo
• >400 participants in attendance.
• 6 experiments carried forward

ThunderDrone RPE 2:
Counter Small UAS
04 Nov – 23 Apr
• >400 CSUAS technology submissions
• 95 best of breed technologies.
• 29-31 Jan, C-SUAS expo
• >550 participants
• 320 Feedback forms
• ~30 technologies were selected to test against a measured outdoor range at Ft. Bragg NC 2 Apr – 23 Apr

ThunderDrone RPE 3:
Game of Drones
18 – 20 June
• Culmination event in Las Vegas
• Offensive experiments outlined during RPE 1
• Final fly off evaluation of best CSUAS Capes
• $600K in prize awards
Opportunities

• **Eco-system**: Sign into the eco-system to be alerted to opportunities to participate. We need your knowledge and tech. www.sofwerx.org

• **SOFCON**: Quarterly Hacker/Warfighter meet-up to develop low cost, operationally relevant capabilities. Need SME’s.

• **TeamWERX**: www.teamwerx.org; prize challenge website dedicated to SOCOM challenges.

• **Participate and Provide Feedback**: Become Event SME’s, Hackers, enter the prize challenges, submit your technology and provide feedback.