



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

Mr. Bill Innes, Deputy Director for Acquisition

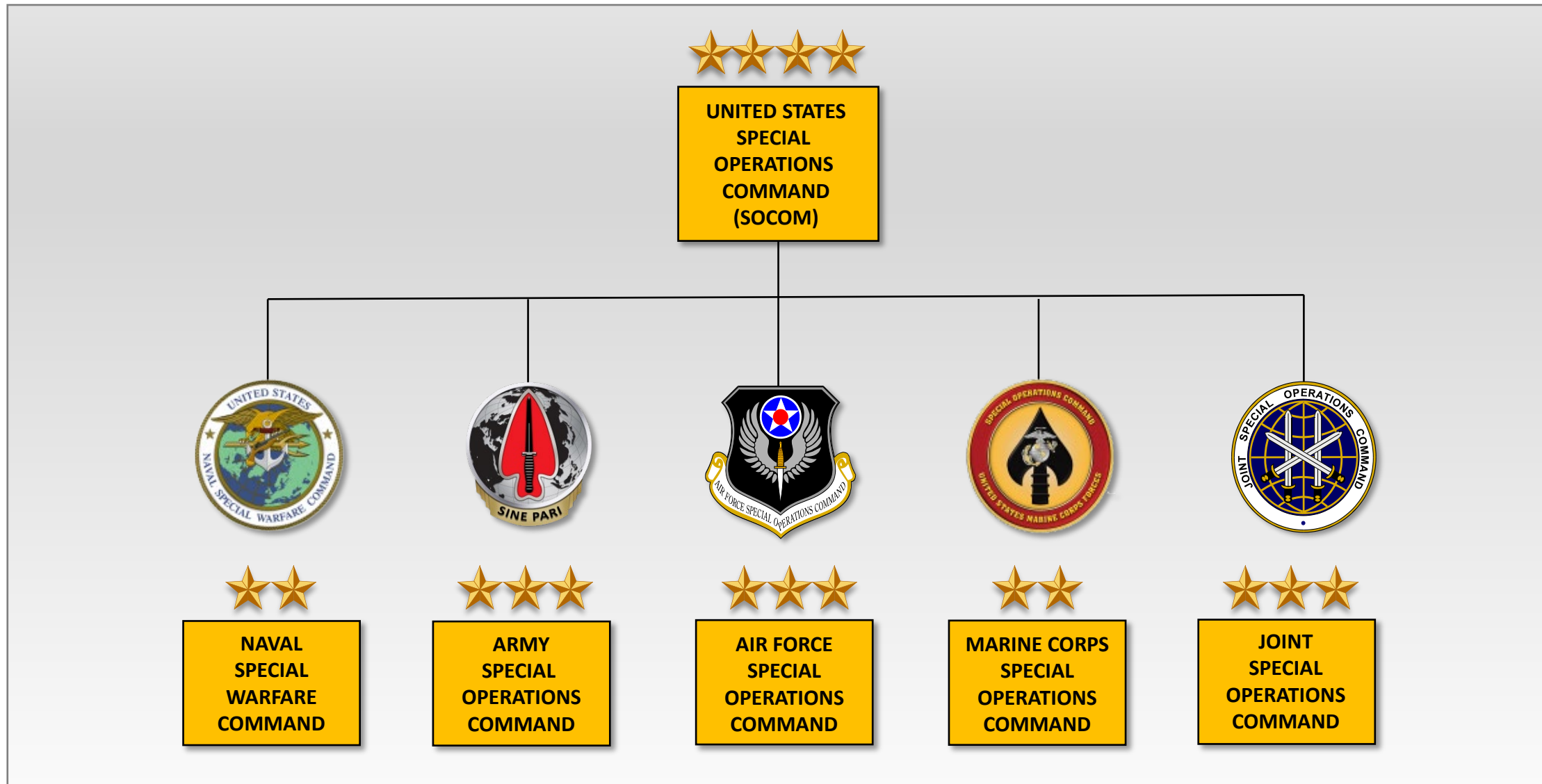
INTRODUCTION TO USSOCOM & SOF AT&L



Agenda

- **USSOCOM Overview**
- **Special Operations Forces Acquisition, Technology & Logistics (SOF AT&L) Overview**
- **Technology Focus Areas**
- **Doing Business w/USSOCOM**

USSOCOM's Organizational Structure



Theater SOF Locations



76,594 SOF

4,743
DEPLOYED

57
LOCATIONS

24/7



“Our Special Operations Forces remain engaged globally, ensuring violent extremists have no respite, while setting advantageous conditions across all domains to compete with adversaries. We are ready to meet today’s requirements, while adapting to address tomorrow’s challenges.”

GEN Richard Clarke, Commander, US Special Operations Command

Authorities & Responsibilities



SOF AT&L



MISSION

Provide rapid & focused acquisition, technology, & logistics to Special Operations Forces.



VISION

Trusted Experts



PRINCIPLES

Deliver capability to user expeditiously; exploit proven techniques & methods; keep Warfighters involved throughout process; take risk & manage it!

Wide Array of Programs

<p>MILESTONE C</p> <p>MILESTONE B</p>	<p>MAAWS</p>	<p>MH-47</p>	<p>DDS/SDV</p>	<p>MMP</p>	<p>Joint Threat Warning Sys. Ground</p>	<p>Rn (Release number)</p> <p>MVCR (Minimum Viable Capability Release)</p> <p>MVP (Minimum Viable Product)</p>	<p>TAK</p>
	<p>GMV1.1</p>	<p>CV-22</p>	<p>CCM Mk 1</p>	<p>SDN-L</p>	<p>Intelligence Collection Systems</p>		<p>XPLAN</p>
	<p>ASR</p>	<p>DVEPS</p>	<p>SWCS</p>	<p>Hand Held Link-16</p>	<p>Identity Operations</p>		<p>DCGS-SOF</p>
	<p>Organic Precision Strike</p>	<p>AC130J</p>	<p>DCS</p>	<p>FCDW</p>	<p>Prometheus Block 2</p>		<p>MCS/COP</p>
	<p>MCTF</p>		<p>Combat Diving</p>				
	<p>GROUND 84 Programs/Projects</p>	<p>AIR 67 Programs/Projects</p>	<p>MARITIME 24 Programs/Projects</p>	<p>C4I 105 Programs/Projects</p>	<p>SR 45 Programs/Projects</p>		<p>DATA/SOFTWARE 8 Programs/Projects</p>

Special Operations Forces Acquisition, Technology, & Logistics Organization



Leveraging Agile Authorities



OTHER TRANSACTIONAL AUTHORITIES

- FY18: 3 Awarded
 FY19: 7 Awarded
 FY20: 40 Awarded
 FY21: 9 Awards to date; 5 Remaining
- Prototype as a Service Follow On
 - Prototype as a Service
 - Media Manipulation Phase 2
 - Multi-FMV Fusion 3D Capability
 - Integrated Cyber & Electronic Warfare Infrastructure



MID-TIER ACQUISITION

- Rapid Prototyping (9)/Rapid Fielding (1)
- Precision Strike - Ground & Maritime
 - Mid-Range Gas Gun
 - Lightweight Machine Gun - Medium
 - Personal Defense Weapon System
 - Maritime Precision Engagement– Integrated
 - Combat Diving – Navigation & Propulsion
 - Handgun Suppressor
 - Fire Support-Mission Training & Preparation System



PARTNERSHIP INTERMEDIARY AGREEMENT

- Transitions to Program of Record (34)
- Consignments (74)
- Prize Challenges (25)
- Hack-A-Thons (7)
- Rapid Prototyping Projects (7)
- Capability Collaboration Events (74)
- Capability Assessment Events (36)
- Collaborative Project Orders (51)

TECHNOLOGY FOCUS AREAS

- Next Generation Intelligence, Surveillance, & Reconnaissance (ISR)
- Next Generation Mobility
- Precision Fires & Effects
- Hyper Enabled Operators
- Networks & Data
- Biotechnology & Human Interface

Capability Focus Areas

Next Gen ISR

- Find, fix, finish, exploit & analyze
- Faster & improved accuracy
- Use with & through all domains (Air, Space, Cyber, Maritime, Ground)
- Constellation of multiple CubeSats & SmallSats containing ISR sensors
- Sensors capable threat warning, tracking, & data exfil
- Access to non-permissive environments for intelligence collection

Next Gen Mobility

- Increased survivability
- Alternate precision navigation & timing

Next Generation Effects

- Precision strike
- Kinetic/non-kinetic effects in directed energy & cyber

Biotechnologies & Human Interface

- Empower the combat medic
 - Prolonged field care
- Increase physical & cognitive performance

Hyper Enabled Operator

- Increased survivability, lethality, & situational awareness
- Advanced human-machine interfaces
- Improved decision making

Network & Data Management

- Mobility of the SOF global mission force
- Provision connectivity anywhere with anyone
- Computing at the edge
- Embedded multimodal data discovery
- Artificial intelligence/machine learning
- Automatically discover, know, anticipate, collaborate

S&T Integrated Priority List (STIPL)

- **Special Communications**: Resilient, survivable, federated networks & information ecosystems critical for successful execution of SOF missions
- **Tailorable Lethality**: Significant increases in precision effects & combat lethality to deliver small unit dominance
- **Electronic Warfare (EW)**: Offensive EW & Cyber effects that can enable or execute collaborative non-kinetic/kinetic effects
- **Human Performance Optimization**: Novel means to monitor in real time, while safely improving/increasing the SOF operator's physical & cognitive abilities
- **Data Enabled SOF**: Advances in artificial intelligence/machine learning (AI/ML) & edge computing techniques to enable data accessibility, advanced processing & analysis, & dissemination in contested/disconnected operating environments. Advance SOF effectiveness through flexible autonomy, reduced operator cognitive loading, & timely actionable insight to tactical decision making

USSOCOM

How Industry Can Help



Numerous On-Ramps



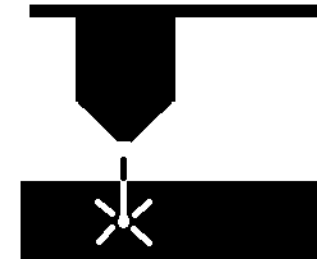
TRADITIONAL ACQUISITION

- [Beta.SAM.gov](https://beta.sam.gov)



AGILE ACQUISITION

- SOFWERX
- Broad Agency Announcements
- Small Business Innovation Research (SBIR)
- Technical Experimentation



TECH DISCOVERY

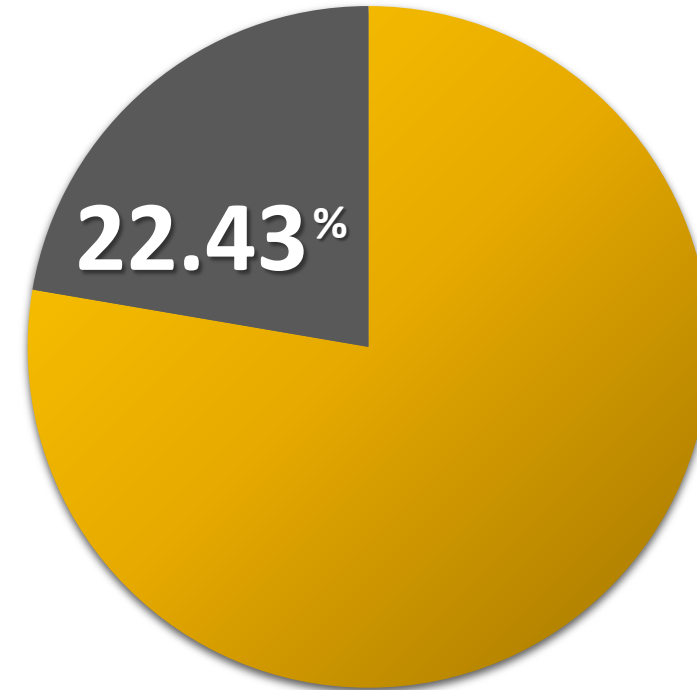
(No Contract/Funding)

- Tech Experimentation
- Central Data Repository
- Engage SOF (eSOF)
- Cooperative Research

Opportunity



**FY20 Small
Business Contracts**



**Budget Awarded
to Small Business**

Small Business Office

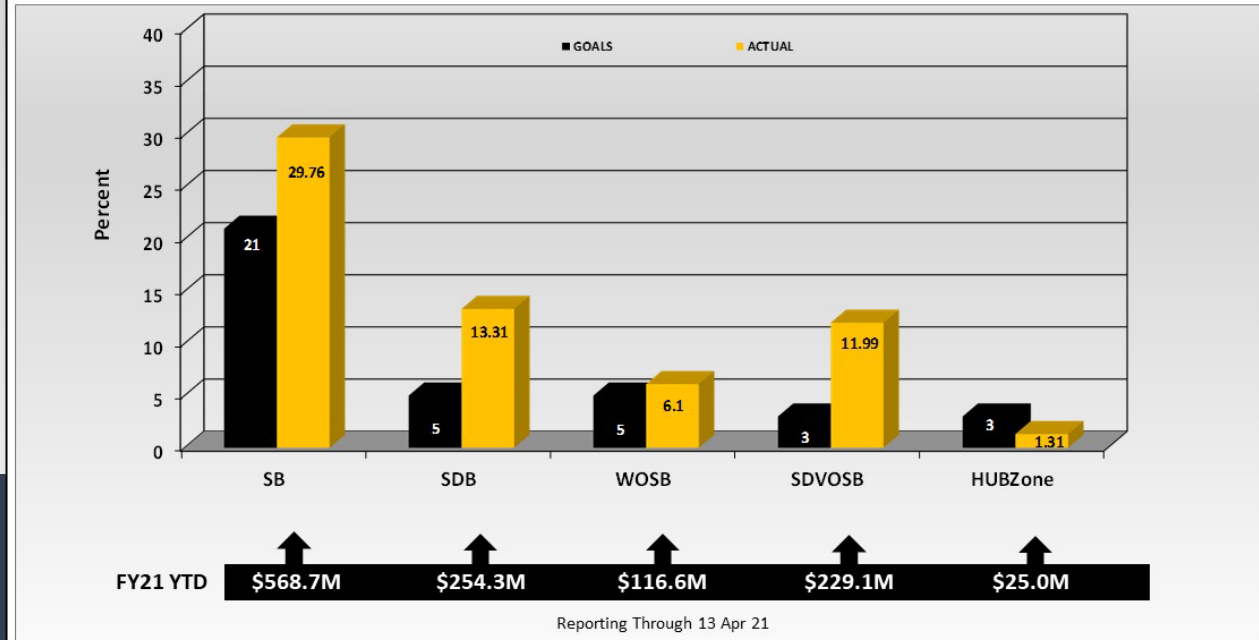
- Important Point of Entry for Small Businesses
- Office is charged with ensuring Small Businesses are afforded the maximum practical opportunity to support the command
- Regularly meet with Small & Large Businesses
 - Virtual meetings
 - AE SB Roundtable 6x a year virtually
 - E-mail or call any day
- What's important to us?
 - Capability, capability, capability
 - Proven track record of performance
 - Proper clearances
 - Tickets are secondary at best



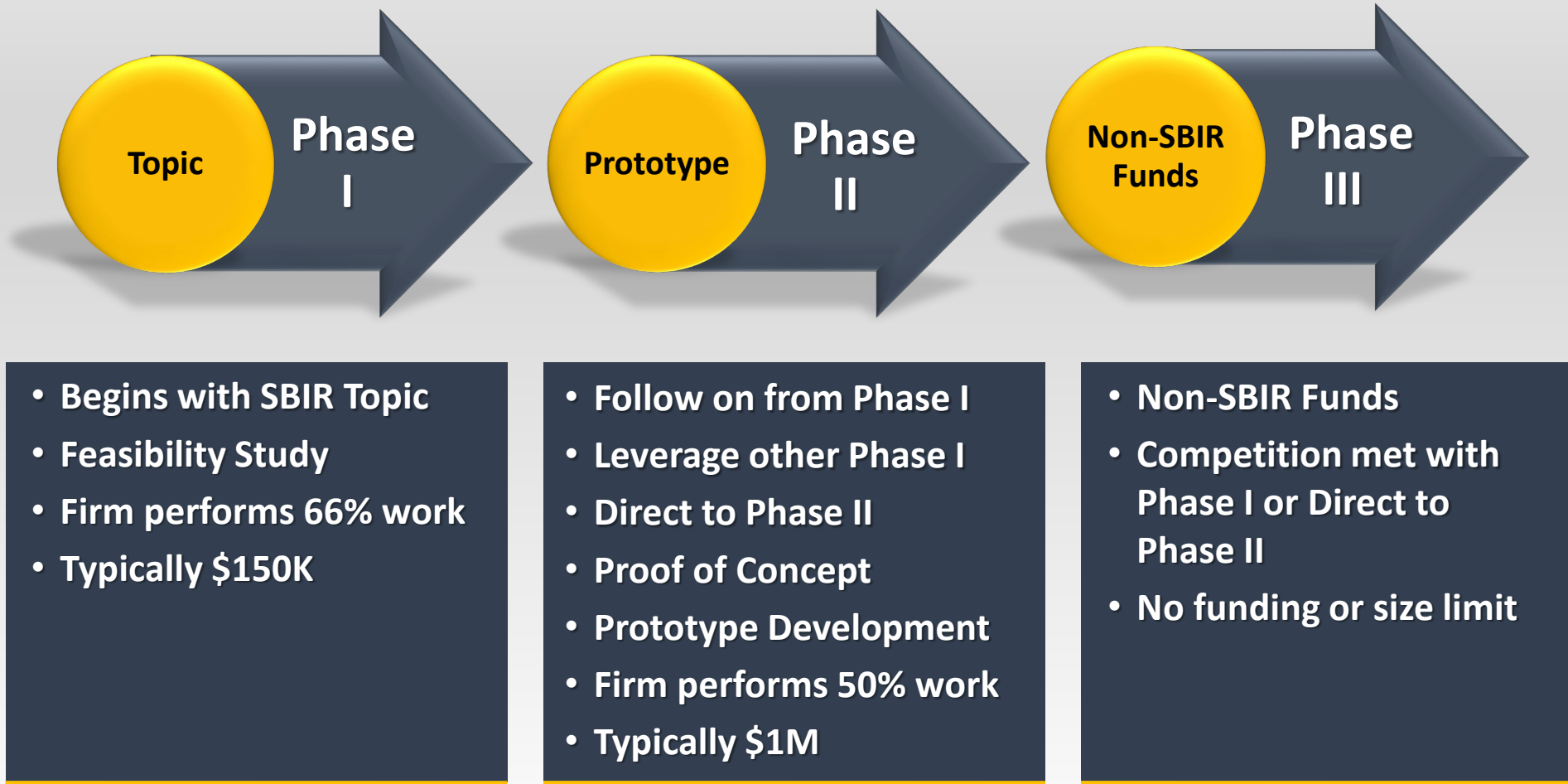
Mr. Christopher Harrington
Small Business Office Director
Christopher.Harrington@socom.mil
Cell: 813-843-4611

For more information, visit the Office of Small Business Programs booth in the exhibition hall

Small Business Achievements FY21 to Date



Small Business Innovation Research (SBIR) Three Phased Approach Developing Innovative Solutions



>50% of USSOCOM Phase IIs Began as Non-SOF Efforts



SBIR Links

- USSOCOM SBIR Program:
<https://www.socom.mil/SOF-ATL/Pages/sbir.aspx>
- DoD SBIR program (managed by OSBP):
www.acq.osd.mil/osbp/sbir
- Federal SBIR Program (managed by SBA):
www.sbir.gov



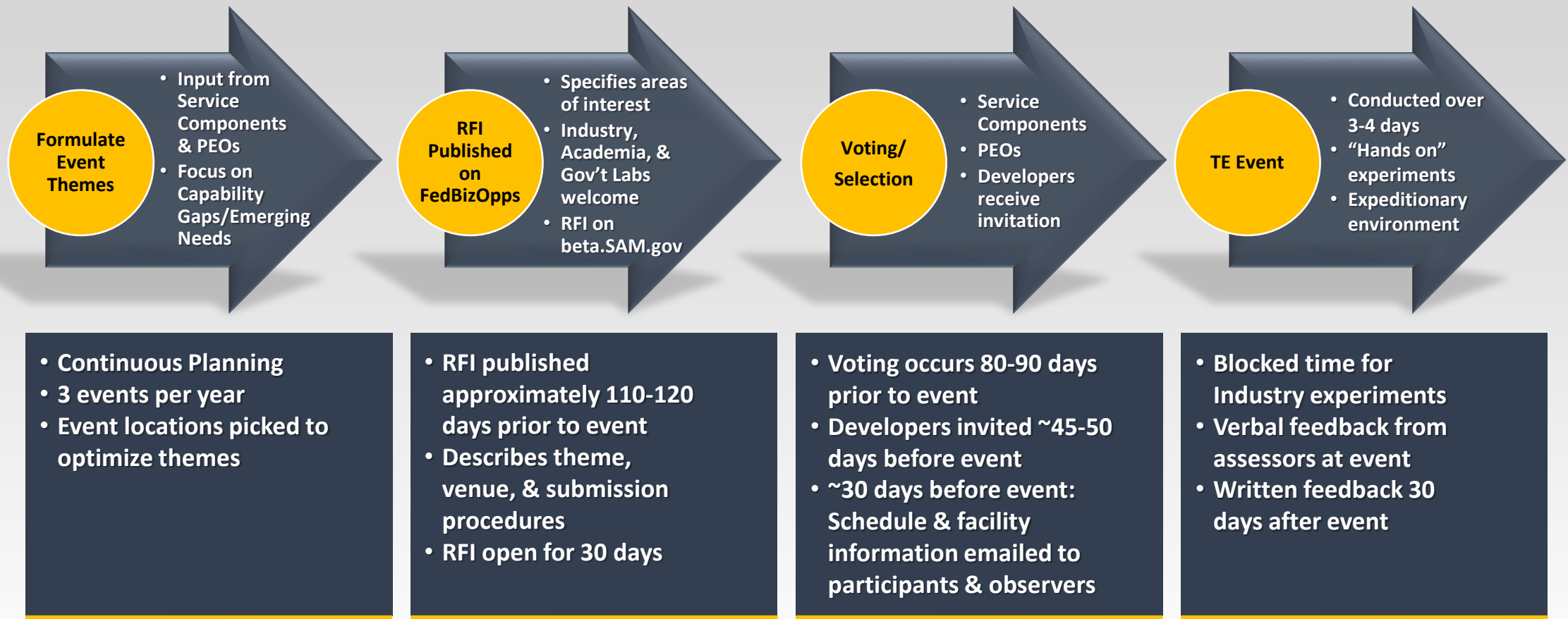
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For more information, visit the SBIR/SBTP booth in the exhibition hall



Technical Experimentation Purpose/Process

To help improve SOF warfighter capability and provide operational & programmatic insight to industry by bringing Technology Developers, Operational Users, and Program Offices together to assess developing technology.



TE Schedule

- **TE 21-2, 21-25 June 2021 at Muscatatuck, IN**
 - Experimentation Focus: Next Generation ISR/Tactically Relevant SA, Biotechnologies/Human Interface
- **TE 21-3, 26-30 July 2021 at Muscatatuck, IN**
 - Experimentation Focus: Sense Through The Wall (STTW)
- **TE 22-1, 15-19 November 2021 at Key West, FL or Coronado, CA (TBD)**
 - Experimentation Focus: Combat Diver/ Surface Systems
- **Public Link: <https://www.socom.mil/SOF-ATL/Pages/technical-experimentation.aspx>**



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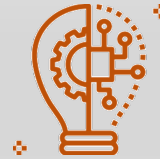
For more information, visit the Science & Technology Connections booth in the exhibition hall

USSOCOM/SOFWERX

USSOCOM's Partnership Intermediary Agreement (PIA) operates as SOFWERX under 15 USC 3715

CAPABILITIES

- SOF Focused Ecosystem
- Collider/Disrupter Events
- Ideation Sessions & Collaboration
- Prize Challenges, Prototyping, Experimentation, Combat Evals
- Fast & Flexible Agent
- Commercial Non-FAR Sub-Awards
- Off-Base Access
- Honest Broker



VALUE

- Making New Tech & Capabilities Available
- Competitive Acquisition Process
- Pacing Commercial Tech Gains & Threats
- High Iterative Cycles, Low Cost
- Better Informed & Quality Decision Making
- Low Barriers to Entry for Industry
- Accelerate Entry Into Acquisition Cycles
- Building Relationships

Join the SOFWERX Ecosystem: www.sofwerx.org

Technology & Industry Liaison Office (TILO)- ENGAGE SOF (eSOF)

- Transitioned from Technology & Industry Liaison Office (TILO) to Engage SOF (eSOF) at beginning of FY21
- Will still match your company's product/service/capability to the appropriate personnel within the command
- Schedule discussions or demonstrations if there is sufficient interest at the headquarters
- Public Link:
 - <https://www.socom.mil/SOF-ATL/Pages/eSOF-main.aspx>



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For more information, visit the Science & Technology Connections booth in the exhibition hall

OCRADA Purpose

Overarching Cooperative Research & Development Agreement (OCRADA)

Advance research & capability development to meet USSOCOM mission requirements & supports viability in other potential commercial applications

OCRADA Process



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YOUR CHALLENGE

We Move Fast, but We Need to Move Even Faster — Can You Keep Pace?

- New Tools & Authorities
- SOF are Early Adapters

WORK WITH US



[@SOAExec](http://www.socom.mil/SOF-ATL)



[Linkedin.com/in/ussocom-ae](https://www.linkedin.com/in/ussocom-ae)

Small Business Help

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Submitting Ideas

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VULCAN

<https://www.Vulcan-SOF.com>

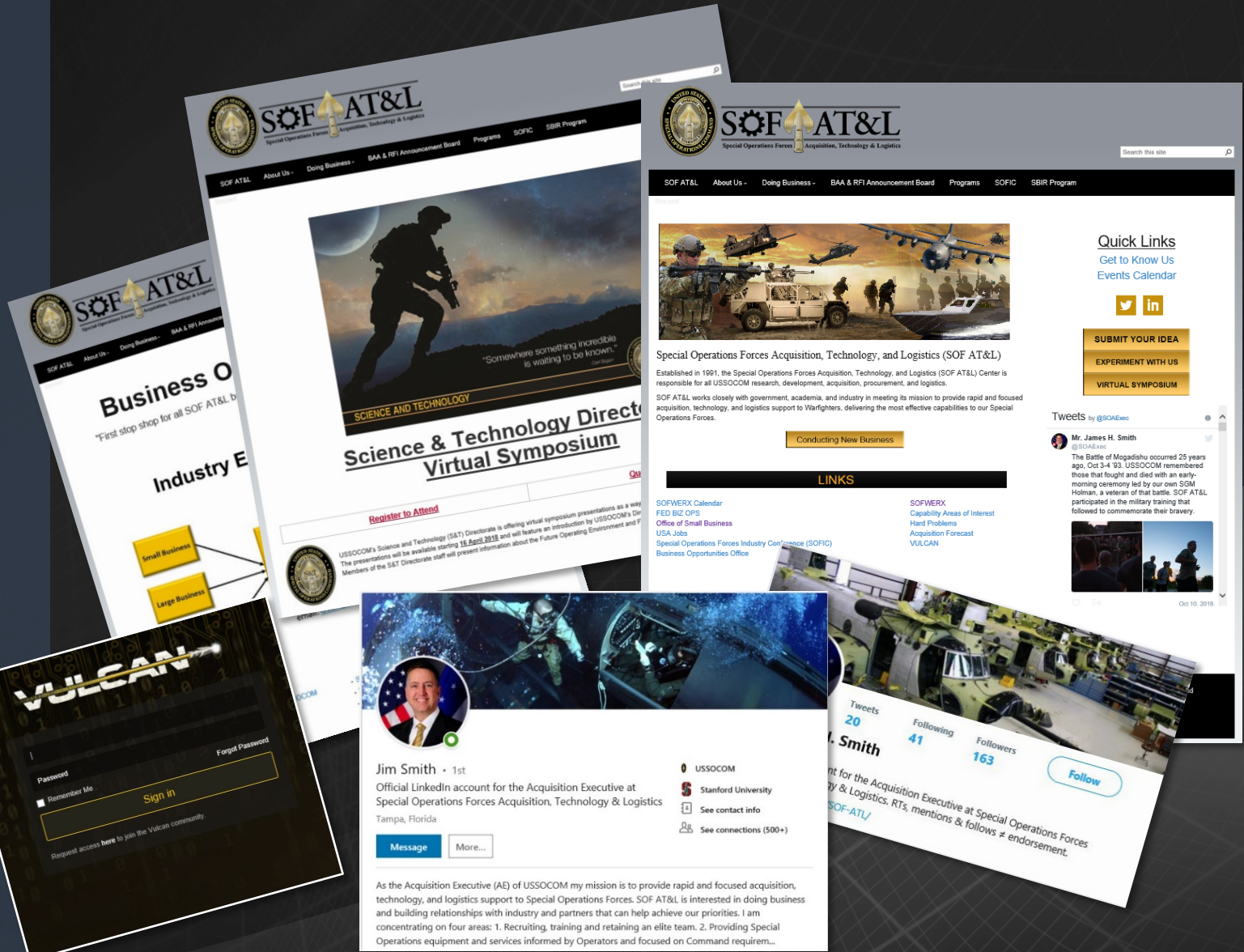
SOFWERX

<https://www.sofwerx.org>

Technical Experimentation

<https://www.socom.mil/SOF-ATL/Pages/technical-experimentation.aspx>

[SOF-ATL/Pages/technical-experimentation.aspx](https://www.socom.mil/SOF-ATL/Pages/technical-experimentation.aspx)



Videos will be available at <https://www.socom.mil/SOF-ATL/Pages/sofic.aspx> after the event

Transparent

QUESTIONS

